

ITEM #:	<u>18</u>
DATE:	<u>03-10-26</u>
DEPT:	<u>W&PC</u>

COUNCIL ACTION FORM

**SUBJECT: CHANGE ORDER NO. 1 WITH TERRACON FOR SPECIAL TESTING
ASSOCIATED WITH THE WATER POLLUTION CONTROL FACILITY
NUTRIENT REDUCTION MODIFICATIONS PHASE I PROJECT**

BACKGROUND:

On September 4, 2024, Council awarded a contract to Terracon Consultants to provide concrete and geotechnical testing services for the Water Pollution Control Facility Nutrient Reduction Modifications Phase I project, in the amount of \$67,885. Third-party inspections for these services are essential in ensuring that the materials incorporated into the finished project meet the design requirements.

The contract with Terracon was based on the planned construction schedule and sequence, with an estimate of the number of days that an inspector would be needed on-site and an estimate of the number of tests that would be necessary over the two-plus years of construction. As the construction has progressed, the allowance for testing has been utilized faster than anticipated. There is still a significant amount of vertical, structural concrete left to be poured and continuing the testing services is essential.

Staff has reviewed the remaining work schedule with Terracon, the general contractor, and the design engineer in order to develop a change order that all parties believe will be sufficient to complete the necessary testing. Funding and expenses for the project are shown in the table below, reflecting the updated balance should this change order be approved.

Table 1: Total Project Funding & Expenses

	Funding	Expenses
Prior Years		
FY 2023	1,000,472	
FY 2024	1,438,643	
FY 2025	18,573,090	
FY 2026 Adjusted	34,384,990	
FY 2027	7,250,000	
WTFAP Grant	500,000	
Engineering		6,038,000
Construction		
Original Contract		53,370,000
Change Order #1		(231,878)
Change Order #2		(25,280)
Change Order #3		10,836
Change Order #4		13,459

Change Order #5		(40,743)
Change Order #6		71,845
Change Order #7		44,527
Change Order #8		3,842
Owner Allowance (furnishings, etc.)		400,000
Special Inspections		
Original Contract		67,855
Change Order #1 - This Action		35,205
All Other Expenses		54,820
TOTAL	63,067,195	59,812,488
Available Contingency		3,254,707

ALTERNATIVES:

1. Approve Change Order No. 1 to the agreement with Terracon for special testing associated with the Nutrient Reduction Modifications Project in an amount not to exceed \$35,205.
2. Do not approve the change order at this time. This would result in the remaining concrete materials not being tested.

CITY MANAGER'S RECOMMENDED ACTION:

Large construction projects utilize specialized construction materials and techniques. Often, these methods require independent third-party inspections to ensure that the finished product meets the quality standards that are specified. For the WPCF Nutrient Removal Modifications project, these inspections have included, among other things, concrete testing. These tests are critical to verify that the concrete being delivered to the site meets the required strength and mix specifications.

The contract with the third-party testing firm, Terracon, was initially prepared based on an estimated number of days of on-site work and number of testing events. The actual construction sequence has required additional time and effort. Staff has reviewed the remaining work with Terracon, as well as the general contractor and the design engineer, and believes that the proposed change order will be sufficient to complete the project.

There are sufficient funds available in the approved budget to cover the additional work. Therefore, it is the recommendation of the City Manager that the City Council adopt alternative number 1 as described above.

ATTACHMENT(S):

[CO #1 PO 63770.pdf](#)