



AGENDA MEMORANDUM

Action Item for the City Council Meeting of December 3, 2024

DATE: December 03, 2024

TO: Peter Zanoni, City Manager

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<p><u>Construction Change Orders</u> ONS WTP Pre-Sedimentation Basin Dredging</p>

CAPTION:

Resolution authorizing the approval of Change Order No. 1 with GFL Environmental Services USA, Inc., of Raleigh, North Carolina, for the ONS WTP Pre-Sedimentation Basin Dredging Project, in the amount up to \$5,000,000.00, for a total amount not to exceed \$13,757,565.00, with FY 2025 funding available from the Water Capital Fund.

SUMMARY:

This change order authorizes additional funding to dredge, dewater, haul and dispose of an amount between 11,000-18,000 BDT of accumulated solids within lagoon 5 and 6 at the O.N. Stevens Water Treatment Plant (ONSWTP).

BACKGROUND AND FINDINGS:

GFL Environmental Services USA, Inc., is currently completing the dredging project for the pre-sedimentation basin located at the O.N. Stevens Water Treatment Plant. The contractor is performing well and will be completing the planned quantities of work ahead of schedule.

Lagoons 5 and 6 are decant lagoons that also require dredging. The accumulated material limits the storage capacity in the lagoons. The lagoons are intended to thicken sludge by providing detention time and sufficiently low velocity to allow solids to settle by gravity. Dredging lagoons five and six will maximize water storage capacity, provide optimal pretreatment solids settling, and allow for operational flexibility at ONSWTP.

The solids within Lagoons 5 and 6 were not part of the original contract scope. Capital project 18130 for basin dredging for FY25 does include both lagoons. Due to the exceptional performance of the current contractor, CCW would like to add additional contract capacity via a change order. This would avoid the additional cost, time and effort to re-bid this scope of work. It would also avoid the risk of getting a low performing contractor since the current contractor has performed very well.

This additional work consists of dredging, dewatering, hauling and disposing of an estimated 11,000-18,000 dry tons (DT) of settled sediments and water treatment plant residuals from lagoons 5 and 6. Removed material will be transported to the Cefe Valenzuela landfill. The Contractor will be responsible for conducting and providing documentation of trip tickets and paint filter tests (as applicable), moisture content test for daily composite samples, and all other required regulatory tests for each truckload sent to the landfill.

Since the additional contract capacity exceeds the 25% statutory limit for change orders, a public necessity resolution is required.

PROJECT TIMELINE:

Change Order No. 1 doesn't add any additional calendar days to the construction contract. The anticipated substantial completion date of the project is September 2025.

ALTERNATIVES:

City Council could choose not to approve the Change Order No. 1 to GFL Environmental Services USA, Inc. Not approving the change order will require postponing and re-bidding that work at a future date. That could result in negative impacts to the water treatment process, additional time and expense to bid this work, additional cost for new contractor mobilization and an increased risk of receiving a higher bid or a lower-performing contractor.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2025 is \$5,000,000.00, with funding available from the Water Capital Fund. The FY25 capital budget includes \$10,000,000.00 for the dredging of lagoons 5, 6, and 7. This change order will advance the project and utilize the allocated funding outlined in the CIP.

FUNDING DETAIL:

Fund: **Water 2024 CIP (Fund 4491)**
Department: Water (45)
Organization: Grants & Capital Projects Funds (89)
Project: ONSWTP Pre-Sedimentation Basin Dredging (Project No. 18130A)
Account: Demolition/Clean-up service (530220)
Activity: 18130-A-4491-EXP
Amount: \$5,000,000.00

RECOMMENDATION:

Staff recommend approval of this Change Order No. 1 in an amount up to \$5,000,000.00 for the ONS WTP Pre-sedimentation Basin Dredging Project with GFL Environmental Services USA, Inc,

to increase contract capacity to dredge, dewater, haul and dispose of an amount between 11,000-18,000 DT of runoff-solids accumulated within lagoon 5 and 6 at the O.N. Stevens Water Treatment Plant (ONSWTP).

LIST OF SUPPORTING DOCUMENTS:

Resolution

CIP Page

Location and Vicinity Map

Change Order No. 1