



AGENDA MEMORANDUM

Action Item for the City Council Meeting July 19, 2022

DATE: July 19, 2022

TO: Peter Zaroni, City Manager

FROM: Gabriel Ramirez, Interim Director of Corpus Christi Water
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Service Agreement for Blower Repairs and Alignments

CAPTION:

Motion authorizing a two-year service agreement with Davenport Electric Motors, LLC, with an office in Corpus Christi, in an amount not to exceed \$213,900.00, for blower repairs and alignments at the wastewater treatment plants for Corpus Christi Water, with FY 2022 funding of \$26,737.50 from the Wastewater Fund.

SUMMARY:

This agreement will provide the repairs necessary to ensure blower repairs and motor alignments at wastewater treatment plants (WWTP).

BACKGROUND AND FINDINGS:

City's six WWTPs utilize conventional activated sludge treatment process to clean raw sewage from residential, commercial, and industrial users. This treatment process is a biological process by using a large number of microorganisms in aeration tanks to break down organic wastes in raw sewage. It requires high power of blowers to provide adequate air or oxygen in the aeration tanks to promote the reproduction of microorganisms. Therefore, blower plays a critical role in wastewater treatment.

Currently, the City runs 40 blowers for six WWTPs. Most of these blowers reached or exceeded their service lives. The repair of the broken blower exceeds the capacity of in-

house crews. While the City is upgrading the six WWTPs including blowers, this services contract is needed to provide maintenance and repair for possible failure of blowers.

PROCUREMENT DETAIL:

The Finance-Procurement Department conducted a competitive Request for Bids process to obtain bids for a contract. The City received three responsive, responsible bids and staff is recommending the award to Davenport Electric Motors, LLC. In 2018, the City paid \$750.00 dollars more per year for these services.

ALTERNATIVES:

An alternative to awarding this service agreement is to reject the bids and not enter into a service agreement, which would require staff to solicit quotes each time the need for service arises. Having to solicit quotes as needed will result in a time delay due to the procurement process and may also lead to wastewater treatment violations.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2022 is \$26,737.50

FUNDING DETAIL:

Fund: 4200 Wastewater
Organization/Activity: 33130 Allison WWTP
Mission Element: 064 – Treat Wastewater
Project # (CIP Only): N/A
Account: 530215 – Maintenance & Repair – Contracted
Cost: \$3,342.19

Fund: 4200 Wastewater
Organization/Activity: 33100 – Broadway WWTP
Mission Element: 064 – Treat Wastewater
Project # (CIP Only): N/A
Account: 530215 – Maintenance & Repair – Contracted
Cost: \$3,342.19

Fund: 4200 Wastewater
Organization/Activity: 33120 – Greenwood WWTP
Mission Element: 064 – Treat Wastewater
Project # (CIP Only): N/A
Account: 530215 – Maintenance & Repair – Contracted
Cost: \$3,342.19

Fund: 4200 Wastewater
Organization/Activity: 33110 – Oso WWTP
Mission Element: 064 – Treat wastewater
Project # (CIP Only): N/A
Account: 530215 – Maintenance & Repair – Contracted
Cost: \$7,352.81

Fund: 4200 Wastewater
Organization/Activity: 33150 – Whitecap WWTP
Mission Element: 064 – Treat Wastewater
Project # **(CIP Only)**: N/A
Account: 530215 – Maintenance & Repair – Contracted
Cost: \$4,679.06

Fund: 4200 Wastewater
Organization/Activity: 33140 – Laguna Madre WWTP
Mission Element: 064 – Treat Wastewater
Project # **(CIP Only)**: N/A
Account: 530215 – Maintenance & Repair – Contracted
Cost: \$4,679.06

RECOMMENDATION:

Staff recommends approval of this service agreement with Davenport Electrical Motors, LLC as presented.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabulation
Service Agreement