



AGENDA MEMORANDUM

Action Item for the City Council Meeting October 29, 2024

DATE: October 29, 2024

TO: Peter Zaroni, City Manager

FROM: Nicholas Winkelmann, P.E., Director of Water Systems and Support Services
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Pump Repair Contract for CCW Facilities

CAPTION

Motion authorizing execution of a three-year service agreement, with two one-year options, with Excel Pump & Machine, Inc., of Robstown, in an amount not to exceed \$1,599,980.00, with a potential up to \$2,666,633.33 if options are exercised, for maintenance and repairs to pumps at CCW facilities with FY 2025 funding of \$533,326.67 from the Water Fund.

SUMMARY:

This motion authorizes a three-year service agreement, with two one-year options, for pump repairs used in raw water delivery and the water treatment process. This service agreement will be utilized to repair and maintain pumping equipment located at the O.N. Stevens Water Treatment Plant, Nueces River Pump Station, Distribution Pump Stations, and the Mary Rhodes Pipeline Pump Stations. These pumps are critical for the delivery of raw water to be treated and furnish treated water through the distribution system to our customers.

BACKGROUND AND FINDINGS:

The O. N. Stevens Water Treatment Plant, Nueces River Pump Station, Sand Dollar Pump Station, Staples Pump Station, Navigation Pump Station, Bloomington Pump Station, and the Woodsboro Pump Station have a combined inventory of over 46 pumps. The manufacturers of these pumps include Flowserve, Peerless, Cascade, Grundfos, Pentair, and Patterson. The water system relies on its pump inventory to supply, maintain, and move water from the source to the O. N. Stevens Water Treatment Plant, and throughout the distribution system. The City has a responsibility to maintain

uninterrupted service and pressure through over 1,700 miles of pipeline to distribute water to all wholesale, commercial, industrial and residential customers of the Corpus Christi Water.

The number and location of the pumps are shown in the table below.

Location	Number of Pumps
Nueces River Pumping Station	7
O.N Stevens Water Plant	16
Staples Pump Station	3
Navigation Pump Station	3
Sand Dollar Pump Station	3
Holly Elevated Storage Tank	2
Rand Morgan Elevated Storage Tank	2
Flour Bluff Elevated Storage Tank	2
Bloomington Pump Station	4
Woodsboro Pump Station	4

PROCUREMENT DETAIL:

Finance & Procurement conducted a competitive process to obtain formal bids. The City received seven responsive responsible bids for this project. The bidders were Excel Pump & Machine, Inc., Universal Tool & Die, Odessa Pumps, JMF Repair LLC, CD Electric, Lewis Electric Motors and Pumps, and Smith Pump Co. After review, staff is recommending the award to Excel Pump & Machine, Inc., which is the lowest responsive bidder. Excel Pump & Machine, Inc. is located in Robstown, Texas. They hold existing contracts with the City to repair and service pumping equipment for CCW including the maintenance and service with the pump station associated with the MRP at the Colorado River at Bay City, Texas. They have and continue to perform well to meet the contractual requirements and the expectations of CCW. Additionally, Excel Pump & Machine, Inc. is the incumbent contractor for this specific contract.

In comparison to the previous contract with the same vendor the labor rates have decreased, and percentage markups have increased. The overall contract amount has increased due to the inclusion of additional allowances for pump repairs and a slight increase in the allowance for shipping and replacement allowances. The tables below highlight the differences between the proposed and previous contracts.

Description	2021		2024		Variance
Shop Labor (Normal)	4,800hrs	\$65.00	5,000hrs	\$59.50	(\$5.50/hr)
Shop Labor (Emergency)	600hrs	\$65.00	600hrs	\$59.50	(\$5.50/hr)
Field Labor	0hrs	\$0	360	\$59.50	
Parts	Allowance \$375,000	Mark Up 15%	Allowance \$550,000	Mark Up 18%	3%

Shipping	\$39,000	\$44,000
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Allowance		
Replacement Allowance	\$0	\$500,000

ALTERNATIVES:

The alternative to awarding this contract would be to forego maintenance and award emergency contracts for repairs as needed as CCW does not have the equipment, tooling, and specially trained employees who can complete these repairs. Not properly maintaining and repairing these pumps as required would lead to longer down-times which have the potential to interrupt treatment and service capabilities.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY2025 is \$533,326.67. The remaining cost will be budgeted in future years through the annual budget process.

FUNDING DETAIL:

Fund: 4010 Water Fund
 Organization/Activity: 31010 O.N. Stevens Water Treatment Plant
 Department: 045 Treat Water
 Project # (CIP Only): N/A
 Accounts: 530215 Maintenance & repairs – Contracted

RECOMMENDATION:

Staff recommends approval of this motion authorizing a three-year service agreement, with two one-year options, with Excel Pump & Machines, Inc. as presented.

LIST OF SUPPORTING DOCUMENTS:

Bid Tabulation
 Presentation
 Service Agreement