



AGENDA MEMORANDUM

Action Item for the City Council Meeting December 10, 2024

DATE: December 10, 2024

TO: Peter Zanoni, City Manager

FROM: Nicholas Winkelmann, P.E., Director of Water Systems and Support Services
NickW@cctexas.com
(361) 826-1796

Sergio Villasana, Director of Finance
sergio2@cctexas.com
(361) 826-3227

**Preventative Maintenance and Repairs for O.N. Stevens Water Treatment Plant,
Pump Stations and Wesley Seale Dam Generators**

CAPTION:

Resolution authorizing a five-year service agreement with Cummins Southern Plains, LLC dba Cummins Sales and Service, of Arlington, Texas, with an office Corpus Christi, in an amount up to \$2,067,092.75, for preventative maintenance and purchase of parts for a total of nine generators, two automatic transfer switch inspections, and one rental equipment for generator operability testing at the O.N. Stevens Water Treatment Plant, Pump Stations, and Wesley Seale Dam, with FY 2025 funding of \$238,780.00 from the Water Fund.

SUMMARY:

This resolution authorizes a five-year service agreement for preventative maintenance and repairs for generators. This service agreement will be utilized to repair and maintain generators at the O.N. Stevens Water Treatment Plant, Nueces River Pump Station, Sand Dollar Pump Station, the Mary Rhodes Pipeline Pump Stations and the Wesley Seale Dam. These generators are critical to maintain the delivery of raw water to be treated and furnish treated water through the distribution system to our customers during a power outage.

BACKGROUND AND FINDINGS:

The O. N. Stevens Water Treatment Plant, Nueces River Pump Station, Sand Dollar Pump Station, Bloomington Pump Station, Woodsboro Pump Station and Wesley Seale Dam are equipped with alternate generator sets. The generator sets are crucial for emergency power to keep the water system operational during power outages. The alternate power generator sets have proprietary controllers and software that provide synchronization and proper power

distribution for the generators. The City has a responsibility to maintain uninterrupted service to distribute water to all wholesale, commercial, industrial and residential customers of Corpus Christi Water.

The number and location of the Cummins' equipment are shown on the table below.

Location	Equipment	KW
O.N. Stevens Water Treatment Plant	4	2000
Nueces River Pump Station	1	2000
Sand Dollar Pump Station	1	400
Wesley Seale Dam	1	100
Woodsboro Pump Station	1	16
Bloomington Pump Station	1	16
Automatic Transfer Switch Inspection	2	N/A
Rental equipment for load bank testing	1	N/A

PROCUREMENT DETAIL:

This procurement falls under the Local Government code, Section 252.022(a)(2), the purchase is necessary to preserve or protect the public health and safety of the City's residents, and 252.022(a)(7)(A), this item is available from only one source because of patents, copyrights, secret processes, or natural monopolies.

Preventative maintenance is crucial for emergency power to keep the water system operational during power outages

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, inspecting or testing the generators as required would lead to a disruption of treatment and service capabilities.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water in FY 2025 is \$238,780.00 from the Water Fund. 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
 Amount: \$212,940.00

Fund: 4010 Water Fund
 Organization/Activity: 30250 Lake Texana Pipeline (Mary Rhodes Pipeline)
 Department: 045 Treat Water
 Project # (CIP Only): N/A

Accounts: 530215 Maintenance & repairs – Contracted
Amount: \$13,945.00

Fund: 4010 Water Fund
Organization/Activity: 30200 Wesley Seale Dam
Department: 045 Treat Water
Project # (CIP Only): N/A
Accounts: 530215 Maintenance & repairs – Contracted
Amount: \$11,895.00

RECOMMENDATION:

The Staff recommends approval of this resolution for preventive maintenance of generators, automatic transfer switch and rental equipment for load bank testing.

LIST OF SUPPORTING DOCUMENTS:

Resolution
Service Agreement
Price Sheet