

Date: July 16, 2025

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

Agenda Item No. 8(P)(8)

From: Daniella Levine Cava *Daniella Levine Cava*
Mayor

Resolution No. R-765-25

Subject: Recommendation to Access a Sourcewell Contract for Electrical Energy Power
Generation with Related Parts, Supplies, and Services

Summary

This item is for the access of a competitively established contract by Sourcewell for the purchase of 22 engine generators and associated services including delivery, estimated storage costs, and startup services and training after installation of the generators for the County's Wastewater Treatment Plants (WWTP) for the Water and Sewer Department (WASD). The generators will provide emergency power to new facilities that will be constructed to comply with the Ocean Outfall Legislation (OOL) and will reduce WASD's reliance on existing generators that are at the end of their life cycles.

Through a lengthy evaluation of qualitative and quantitative factors including overall capital costs, operating and maintenance costs, curtailment agreements with Florida Power and Light (FPL) and market availability, WASD determined that standardization of power generation equipment for all WWTPs, with Caterpillar's C175-16, 60 Hz, 2600 kW continuous rated diesel (EPA Tier 4) engine generators, is the most cost-effective alternative for standby power generation. These Tier 4 engine generators meet the highest level of clean air regulations resulting in lower emissions at the WWTPs, while providing unrestricted standby power use. The upgraded equipment will allow WASD to continue the curtailment agreement with FPL, which curtails power during high frequency periods and translates into a significant reduction in power rates for the County.

Accessing this contract provides for an average discount of 19 percent on the manufacturers' price list and provides the best value for pricing for all necessary equipment and related services. Approval of this access will allow WASD to continue their ongoing effort to upgrade the WWTP emergency back-up systems.

Recommendation

It is recommended that the Board of County Commissioners (Board) approve accessing a competitively established contract by Sourcewell, *Contract No. 092222-CAT, Electrical Energy Power Generation Equipment with Related Parts, Supplies, and Services*, in the amount of \$73,581,794 for a two-year term for WASD.

Background

The purpose of wastewater treatment plants in Miami-Dade County is to protect public health, safeguard the environment, comply with regulatory standards, manage stormwater, and provide for sustainable water use, especially important in an area threatened by climate change, rapid population growth, and a fragile natural environment.

In 2008, and as amended in 2013, the Florida Legislature approved and the Governor signed into law the OOL, requiring all wastewater utilities in Southeast Florida utilizing ocean outfalls for disposal of treated wastewater to reduce nutrient discharges by 2018, eliminating the normal use of the outfalls by the end of 2025. These improvements, coupled with the general growth of the area, will require additional power availability at the County's WWTPs, which in turn will require additional standby generation capacity that is provided by engine generators. Additionally, the majority of the existing engine generators

located in the Electrical Distribution Buildings (EDB) at the various WWTPs are at their end-of-life cycle and require replacement.

As part of the program to meet the State of Florida's OOL, WASD is implementing multiple capital projects to enhance the treatment process and reroute the flow to an alternative disposal method to meet the legislation of eliminating the normal use of ocean outfalls. These projects include the installation of one oxygenation train, three final settling tanks, nine municipal injection wells, and two industrial injection wells. The generators requested in this item are required as a back-up, emergency power source for the additional infrastructure.

Given the overall energy requirement of these projects, 41 new engine generators will be required for all the plants. In recent years, 19 engine generators were purchased for the first phase of the engine generator replacement for Central District Wastewater Treatment Plant (CDWWTP) and South District WWTP, as authorized by the Board through Resolution Nos. R-766-21 and R-33-23. These 22 engine-generators and related services, as part of phase two, will be installed after construction of Electrical Distribution Building 3 at the CDWWTP and Electrical Distribution Building 2 and 3 at the North District Wastewater Treatment Plant (NDWWTP). This purchase forms part of WASD's continuing efforts to upgrade their emergency back-up systems at the WWTPs.

Scope

The CDWWTP is located in Commission District 7, which is represented by Commissioner Raquel A. Regaldo and the NDWWTP is located in Commission District 4, which is represented by Commissioner Micky Steinberg; however, the impact of the project is countywide in nature.

Fiscal Impact/Funding Source

The fiscal impact for the purchase of 22 engine generators and related services is \$73,581,794. The requested allocation includes a contingency of approximately 10% for unforeseeable costs. The accessed contract expires November 22, 2026, and can be renewed for one additional year. This item will not impact the General Fund.

Department	Allocation	Funding Source	Contract Manager
WASD	\$73,581,794	Wastewater Revenue Bonds Sold, Wastewater Connection Charges, State Revolving Loan Wastewater, Future WASD Revenue Bonds and WIFIA Loan (Federal Funding)	Susan Pascul
Total	\$73,581,794		

Track Record/Monitor

Jessica Tyrrell of the Strategic Procurement Department (SPD) is the Deputy Director.

Delegated Authority

If this item is approved, the County Mayor or County Mayor's designee will have the authority to exercise all provisions of the contract, including any cancellation, renewal, or extensions, pursuant to Section 2-8.1 of the Code of Miami-Dade County, Florida and Implementing Order 3-38.

Vendor Recommended for Award

A Request for Proposals was issued under full and open competition by Sourcewell, a State of Minnesota local government unit and service cooperative. Ten proposals were received in response to the solicitation. The vendor recommended for award, Pantropic Power, Inc. is the local representative for Caterpillar, Inc., and the highest ranked vendor.

Vendor	Principal Address	Local Address	Number of Employee Residents	Principal
			1) Miami-Dade 2) Percentage*	
Pantropic Power, Inc.	8205 NW 58 Street Miami, FL	Same	72	Luis Botas
			53%	

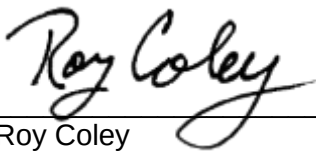
*Provided pursuant to Resolution No. R-1011-15. The percentage of employee residents is the percentage of vendor's employees who reside in Miami-Dade County as compared to the vendor's total workforce.

Due Diligence

Pursuant to Resolution No. R-187-12, due diligence was conducted in accordance with SPD's Procurement Guidelines to determine vendor responsibility, including verifying corporate status and that there are no performance and compliance issues through various vendor responsibility lists and a keyword internet search. The lists that were referenced included convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federal excluded parties. There were no adverse findings relating to vendor responsibility.

Applicability of Ordinances and Contract Measures

- The User Access Program does not apply.
- The Small Business Enterprise measures and Local Preference do not apply.
- The Living Wage Ordinance does not apply.



Roy Coley
Chief Utilities and Regulatory Services Officer



MEMORANDUM (Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: July 16, 2025

FROM: 
Glen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(P)(8)

Please note any items checked.

- _____ **"3-Day Rule" for committees applicable if raised**
- _____ **6 weeks required between first reading and public hearing**
- _____ **4 weeks notification to municipal officials required prior to public hearing**
- _____ **Decreases revenues or increases expenditures without balancing budget**
- _____ **Budget required**
- _____ **Statement of fiscal impact required**
- _____ **Statement of social equity required**
- _____ **Ordinance creating a new board requires detailed County Mayor's report for public hearing**
- _____ **No committee review**
- _____ **Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) ____, CDMP 9 vote requirement per 2-116.1(4)(c) (2) ____) to approve**
- _____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(P)(8)
7-16-25

RESOLUTION NO. R-765-25

RESOLUTION AUTHORIZING ACCESS OF SOURCEWELL CONTRACT NO. 092222-CAT, ELECTRICAL ENERGY POWER GENERATION EQUIPMENT, IN A TOTAL AMOUNT NOT TO EXCEED \$73,581,794.00 FOR THE REMAINING INITIAL TERM EXPIRING ON NOVEMBER 22, 2026 AND ONE, ONE-YEAR OPTION TO RENEW TERM FOR THE WATER AND SEWER DEPARTMENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE ALL PROVISIONS OF THE CONTRACT, INCLUDING ANY CANCELLATION, RENEWAL, OR EXTENSIONS, PURSUANT TO SECTION 2-8.1 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA AND IMPLEMENTING ORDER 3-38

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

Section 1. This Board approves the access of Sourcewell Contract No. 092222-CAT, Electrical Energy Power Generation Equipment, in a total amount not to exceed \$73,581,794.00 for the remaining initial term expiring on November 22, 2026 and one, one-year option to renew term for the Water and Sewer Department.

Section 2. This Board authorizes the County Mayor or County Mayor's designee to exercise all provisions of the contract, including any cancellation, renewal, or extensions, pursuant to section 2-8.1 of the Code of Miami-Dade County, Florida and Implementing Order 3-38. A copy of the contract document is on file with and available upon request from the Strategic Procurement Department.

The foregoing resolution was offered by Commissioner **Marleine Bastien**, who moved its adoption. The motion was seconded by Commissioner **Danielle Cohen Higgins** and upon being put to a vote, the vote was as follows:

Anthony Rodriguez, Chairman	aye		
Kionne L. McGhee, Vice Chairman	aye		
Marleine Bastien	aye	Juan Carlos Bermudez	aye
Sen. René García	aye	Oliver G. Gilbert, III	aye
Roberto J. Gonzalez	aye	Keon Hardemon	absent
Danielle Cohen Higgins	aye	Eileen Higgins	aye
Natalie Milian Orbis	aye	Raquel A. Regalado	aye
Micky Steinberg	aye		

The Chairperson thereupon declared this resolution duly passed and adopted this 16th day of July, 2025. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: **Basia Pruna**
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Eduardo W. Gonzalez