

Memorandum



Date: June 3, 2025

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

From: Daniella Levine Cava *Daniella Levine Cava*
Mayor

Agenda Item No. 8(P)(5)

Subject: Recommendation to Award a Contract for 50% Liquid Hydrogen Peroxide Solution

Summary

This item is for the purchase and delivery of 50 percent liquid hydrogen peroxide (H₂O₂) solution, associated feed systems, and related equipment and services for the Miami-Dade Water and Sewer Department (WASD). The H₂O₂ solution will be delivered in tanker truck loads to be used in the wastewater treatment process, with the feed systems providing critical data to assist in determining appropriate dosage levels for the chemical at three County wastewater treatment plants. The awarded vendor will install new hydrogen peroxide feed systems, verify proper pressure, calibrate the system for accurate chemical dosing at each plant to prevent over-application, and begin delivering hydrogen peroxide on an as-needed basis.

The H₂O₂ solution is essential for disinfection, odor control, and corrosion reduction in the wastewater treatment process. The manufacturing process is complex, and the solution must meet technical grade purity standards, consisting of 50 percent hydrogen peroxide concentration by weight in water. The H₂O₂ solution must also meet the NSF/American National Standards Institute (NSF/ANSI) Standard 60 for Drinking Water Treatment Chemicals, ensuring it is free of harmful contaminants that could affect treated effluent or County water sources. Approval of this contract will enable WASD to continue its critical wastewater treatment operations, supporting the health and safety of County residents.

Recommendation

It is recommended that the Board of County Commissioners (Board) approve a competitive contract award, *Contract No. EVN0006686, 50% Liquid Hydrogen Peroxide Solution*, to Source Technologies, LLC in the amount of \$11,554,272 for a five-year term for WASD. This contract will replace *Contract No. FB-01523*, approved by the Board on March 2, 2021, for a five-year term, through Resolution No. R-151-21.

Background

An Invitation to Bid was issued under full and open competition on September 12, 2024. Upon advertisement of the solicitation, a total of 464 vendors were notified, including the incumbent vendor. On the closing date of October 16, 2024, the County received three bids, including one from a certified Small Business Enterprise (SBE) firm. Before issuing the solicitation, outreach and market research were conducted. Market research revealed limited local vendors and certified SBE firms who were able to provide the required chemicals in accordance with the specifications. The market research identified three certified SBE firms under the applicable commodity codes, but only one of them indicated they were able to meet the solicitation requirements.

Upon reviewing the bids, it was noted that Total Connection, Inc. ("TCI") did not provide all the requested information, documents, and attachments. These are mandatory for all bidders to demonstrate compliance with the stipulated requirements and to assess their ability to perform under the resulting contract. On November 22, 2024, a legal review of TCI's bid was requested from the County Attorney's Office (CAO). On December 23, 2024, the CAO determined that TCI was ineligible for award due to its failure to meet the mandatory requirements.

Scope

The scope of this item is countywide in nature.

Fiscal Impact/Funding Source

The fiscal impact for the five-year term is \$11,554,272. The current contract is valued at \$7,992,000 for a five-year term and expires on April 30, 2026. The allocation under this replacement contract is higher than the current contract due to increases in both the estimated quantities and unit pricing for the H₂O₂ solution. The current unit price is \$0.231416 per pound, while the proposed contract reflects a negotiated price of \$0.2799 per pound. Additionally, the annual estimated quantity has increased from 8,000,000 pounds to 8,256,000 pounds per year under the replacement contract.

Department	Allocation	Funding Source	Contract Manager
WASD	\$11,554,272	Proprietary Funds	Susan Pascul
Total	\$11,554,272		

Track Record/Monitor

Manuel Jimenez of the Strategic Procurement Department (SPD) is the Procurement Contracting Manager.

Delegated Authority

If this item is approved, the County Mayor or County Mayor's designee will have the authority to give notice of this award to the recommended vendor, issue the appropriate purchase orders to give effect to same and exercise all provisions of the contract, including any cancellation or extensions, pursuant to Section 2-8.1 of the County Code and Implementing Order 3-38.

Vendor Recommended for Award

Pursuant to Resolution No. R-477-18, the lowest bidder is recommended in accordance with the method of award per the solicitation and is non-local. To encourage participation from local vendors, the draft scope of services was posted on the County's Future Solicitation website, and vendors were surveyed for their interest and capability, which revealed that local firms were unable to meet the specifications.

Vendor	Principal Address	Local Address	Number of Employee Residents	Principal
			1) Miami-Dade 2) Percentage*	
Source Technologies, LLC	157 Venture Court Suite 9 Lexington, KY	None	0	Suzie Richards
			0%	

*Provided pursuant to Resolution No. R-1011-15. 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.

Vendors Not Recommended for Award

Vendor	Local Address	Reason for Not Recommending
Total Connection, Inc. (SBE)	Yes	Deemed non-responsive by the CAO (opinion attached)
U.S. Peroxide, LLC dba USP Technologies	None	Higher than lowest bid

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.

Pursuant to Resolution No. R-140-15, prior to re-procurement, a full review of the scope of services was conducted to ensure the replacement contract reflects the County's current needs. The review included conducting market research, posting a draft solicitation for industry comment, and holding meetings and drafting sessions with the user department. The scope of services was updated to include an increase in the estimated quantity for the five-year term.

Applicability of Ordinances and Contract Measures

- The two percent User Access Program applies.
- The SBE Bid Preference and Local Preference applied.
- The Living Wage Ordinance does not apply.

Attachment

A handwritten signature in black ink, reading "Roy Coley", is positioned above a horizontal line.

Roy Coley
Chief Utilities and Regulatory Services Officer

Memorandum



Date: December 23, 2024

To: Sherry Y. Crockett
Procurement Contracting Officer
Strategic Procurement Department

From: Jose I. Ortega
Assistant County Attorney
County Attorney's Office

Subject: Request for Responsive Determination of a Bid Submittal for EVN0006686 50% Liquid Hydrogen Peroxide Solution

This memorandum is prepared in response to your memorandum to Eduardo Gonzalez requesting a responsiveness opinion on the bid submittal received from Total Connection, Inc. ("TCI") in response to Invitation to Bid No. EVN0006686 (the "Solicitation"). Following a review of the Solicitation and the information contained in your memorandum, I conclude that TCI is ineligible for award because TCI failed to meet mandatory requirements. Please note that the below opinion is solely based on the information set forth in your memorandum and the Solicitation. If new or additional facts are discovered, this opinion is subject to alterations or retractions.

Per your memorandum, on September 12, 2024, the Strategic Procurement Department ("SPD") solicited sealed bids via INFORMS under the Solicitation on behalf of the Miami Dade Water and Sewer Department. Section 2 Additional/Special Terms and Conditions, Paragraph 2.4 of the Solicitation states the following regarding Bidder Requirements:

2.4 BIDDER REQUIREMENTS

Bidder or Bidder's Subcontractor shall meet the following requirements to be considered for award:

- 2.4.1 *Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing liquid hydrogen peroxide to be considered for award. Bidder or Bidder's Subcontractor shall provide two (2) **different** references from customers to whom the Bidder or Bidder's Subcontractor has provided or is currently providing liquid hydrogen peroxide solution in tanker truck loads as described throughout this Solicitation. In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with [Resolution No. 1122-21](#). The references should include the customer's company name, and the contact person's name, title, address, telephone number, and e-mail address, who can verify that the Bidder/key personnel/Subcontractor has successfully provided the H₂O₂ solution (Section 4: Submittal Requirements). These references shall ascertain to the County's satisfaction that the Bidder/key personnel/Subcontractor has sufficient expertise in the industry and its firm is properly equipped to provide the required of products and services.*
- 2.4.2 *Bidder shall be the manufacturer of the 50% liquid hydrogen peroxide solution or be authorized by the manufacturer or the designee, as a direct distributor. A third-party Bidder (reseller or toll blender) will not be considered for award. Bidders are required to submit proof of manufacturer's authorization with their offer. The proof may be in the form of any one of the following:*

- a) *If the Bidder is the manufacturer, it shall be stated in a letter on the company's letterhead.*

- b) *If the Bidder is an authorized distributor, the Bidder shall provide a formal notice on the manufacturer's company letterhead designating the Bidder as equivalent direct distributor. The notice shall include contact name and phone number from an authorized representative and be signed and dated within 12 months of Bid submission.*
- c) *Any other verifiable proof that Bidder meets the requirements of either a) or b) above.*
- 2.4.3 *Bidder shall provide the product manufacturer, the manufacturer's plant location, and manufacturer's calculated weight in pounds per gallon at 20°C (50% basis), as requested in Section 4: Submittal Requirements.*
- 2.4.4 *Bidder shall assign a competent representative who is cognizant of industry standards and is authorized to discuss matters pertaining to the resultant Contract and provide the County with support and information. The Bidder's representative shall be able to communicate with the County and shall have full authority to act on behalf of the Bidder on all matters related to the resultant Contract. Bidders are required to provide their authorized representative's name, phone number, and e-mail address. All resources shall be available twenty-four (24) hours a day to provide immediate support and expedite services.*
- 2.4.5 *Bidder shall provide a certification under the NSF/American National Standard Institute Standard 60 (NSF/ANSI Standard 60): Drinking Water Treatment Chemicals – Health Effects, as proof that for the chemical being offered complies with the minimum health-effects requirements, contaminants, and impurities established by the American National Standard, and the rules and guidelines from the U.S. Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP).*
- 2.4.6 *Bidder shall provide Safety Data Sheets supplied by the manufacturer.*

The Bidder shall provide all the information, documents and/or attachments listed above to be considered for award. All information, documents, and/or attachments listed above are due with the Bid by the Solicitation's end time and date. The County may, at its sole discretion and in its best interest, allow the Bidder to complete, supplement or supply the required information, documents and/or attachments during the bid evaluation period. Failure to provide all the required information, documents and/or attachments with the Bid or, if allowed, as requested by the County during the Bid evaluation period, may result in the Bidder being declared non-responsive or non-responsible.

During the bid evaluation period, the County's Strategic Procurement Department will review the information, documents and/or attachments submitted by the Bidder, may request additional information from the Bidder, and/or obtain additional information from available sources, to completely evaluate the Bidder's submittal and ascertain that the Bidder meets the stipulated requirements and determine the Bidder's ability to perform under a resulting Contract. The County shall be sole judge of a Bidder's compliance with requirements and the Bidder's ability to perform under the resulting Contract. Failure to meet the stipulated requirements or to demonstrate ability to perform under a resulting Contract, as determined by the County, may result in the Bidder being declared non-responsive.

Section 4 Submittal Requirements, Paragraph 4.2 of the Solicitation reiterates the above requirements. Further, Section 2, Paragraph 2.3, states the following regarding the Method of Award:

2.3 METHOD OF AWARD

Award of this Contract will be made to the responsive, responsible Bidder, whose offer represents the lowest price and who meets the Bidder requirements below.

On October 16, 2024, three bids were received in response to the Solicitation. Upon reviewing the bid submittals, SPD discovered that the bid received from TCI did not contain the Bidder Requirements information, documents, and/or attachments. On October 17, 2024, SPD emailed TCI, requesting the missing information, as allowed by the Solicitation, which states that the County “. . . may request additional information from the Bidder . . . to completely evaluate the Bidder's submittal and ascertain that the Bidder meets the stipulated requirements and determine the Bidder's ability to perform under a resulting Contract.” On November 22, 2024, TCI confirmed via email that it “. . . cannot meet the requirements.”

The Bidder Requirements listed within Section 2, Paragraph 2.4, and Section 4, Paragraph 4.2 of the Solicitation are mandatory. Because TCI did not provide all the requested information, documents, and attachments, TCI failed to meet the clear requirements. Thus, TCI is ineligible for award.

A handwritten signature in black ink, appearing to read 'Jose I. Ortega', is positioned above a horizontal line.

Jose I. Ortega



MEMORANDUM

(Revised)

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

DATE: June 3, 2025

FROM: 
Glen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(P)(5)

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)(5)
6-3-25

RESOLUTION NO. _____

RESOLUTION APPROVING AWARD OF CONTRACT NO. EVN0006686 TO SOURCE TECHNOLOGIES, LLC FOR 50 PERCENT LIQUID HYDROGEN PEROXIDE SOLUTION IN A TOTAL AMOUNT NOT TO EXCEED \$11,554,272.00 FOR A FIVE-YEAR TERM FOR THE MIAMI-DADE WATER AND SEWER DEPARTMENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO GIVE NOTICE OF THIS AWARD TO THE RECOMMENDED VENDOR, ISSUE THE APPROPRIATE PURCHASE ORDERS TO GIVE EFFECT TO SAME AND EXERCISE ALL PROVISIONS OF THE CONTRACT, INCLUDING ANY CANCELLATION OR EXTENSIONS, PURSUANT TO SECTION 2-8.1 OF THE COUNTY CODE AND IMPLEMENTING ORDER 3-38

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying County Mayor's 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 award of Contract No. EVN0006686 to Source Technologies, LLC for 50 percent Liquid Hydrogen Peroxide Solution in a total amount not to exceed \$11,554,272.00 for a five-year term for the Miami-Dade Water and Sewer Department.

Section 2. This Board authorizes the County Mayor or County Mayor's designee to give notice of this award to the recommended vendor, issue the appropriate purchase orders to give effect to same and exercise all provisions of the contract, including any cancellation or extensions, pursuant to section 2-8.1 of the County Code 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 ,
who moved its adoption. The motion was seconded by Commissioner
and upon being put to a vote, the vote was as follows:

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

The Chairperson thereupon declared this resolution duly passed and adopted this 3rd day of June, 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: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



Jose I. Ortega