

MEMORANDUM

Agenda Item No. 8(O)(1)

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

DATE: March 3, 2026

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Resolution awarding Contract No. S-16155, Water and Wastewater Service to Commercial Properties – Green Tech Corridor Basin 191, to JVA Engineering Contractor, Inc. in the amount of \$9,529,339.75 and with a contract period of 627 calendar days; authorizing the County Mayor to utilize the Miami-Dade Water and Sewer Department’s Consent Decree and Capital Improvement Programs Acceleration Ordinance, section 2-8.2.12 of the Code, to manage the Contract; authorizing the use of funds from the Building Better Communities General Obligation Bond (GOB) Program Project No. 17-Countywide Water and Sewer System Enhancements – to pay in part for the extension of wastewater services to the Green Tech Corridor Area Basin 191; and authorizing the County Mayor to execute the Contract and to exercise the termination and other provisions contained therein

The accompanying resolution was prepared by the Water & Sewer Department and placed on the agenda at the request of Prime Sponsor Commissioner Marleine Bastien.



Geri Bonzon-Keenan
County Attorney

Memorandum



Date: March 3, 2026

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

From: Daniella Levine Cava *Daniella Levine Cava*
Mayor

Subject: Recommendation to Award Contract No. S-16155, Water and Wastewater Service to Commercial Properties - Green Tech Corridor Basin 191, to JVA Engineering Contractor, Inc.

Executive Summary

This item seeks approval from the Board of County Commissioners (the Board) to award Contract No. S-16155 (the Contract), *Water and Wastewater Service to Commercial Properties - Green Tech Corridor Basin 191* (the Project), to the lowest responsive and responsible bidder, JVA Engineering Contractors, Inc. (JVA), for a total amount of \$9,529,339.75 and a total Contract period of 627 Days.

The Project, which entails extension of the sanitary sewer system to commercial and industrial parcels within the Green Technology Corridor, is part of the County's Connect to Protect Initiative. The Connect to Protect Initiative is focused on reducing potential health risks associated with compromised or failing septic systems and reducing nutrient loading into Biscayne Bay by providing sewer access to properties currently served by septic systems. To maximize the community benefit and provide comprehensive and cost-effective infrastructure improvements, the Project will also provide the renewal/replacement of aging and undersized water mains throughout the area.

The Project marks an important advancement in fostering the growth and long-term viability of the Miami-Dade County Green Technology Corridor (GTC). Created in 2011 by the Board under Resolution No. R-197-11, the GTC was designed to draw and retain businesses and innovators working in renewable energy, energy efficiency, and other environmentally beneficial technologies. By funding essential upgrades to the water system and utilizing General Obligation Bond (GOB) funds to extend wastewater service to the area, the Project not only enhances the resilience and dependability of critical public services but also reinforces the County's broader economic development objectives. By aligning these infrastructure improvements with the County's vision for the GTC, the initiative advances both the Miami-Dade Water and Sewer Department's (WASD's) mission to deliver efficient, reliable services to residents and the Board's enduring commitment to sustainable economic growth.

Recommendation

It is recommended that the Board approve a competitive award of the Contract to JVA in the amount of \$9,529,339.75 and a total Contract period of 627 days.

Scope

The Contract will be performed in the GTC (along N.W. 79th Terrace to N.W. 75th Street from N.W. 27th Avenue to N.W. 22nd Avenue, along with work on side streets), located in Commission District 2, which is represented by Commissioner Marleine Bastien.

Delegated Authority

Upon Board approval, the County Mayor or County Mayor’s designee may exercise all provisions, including the termination provisions, within the Contract. In addition, the County Mayor or County Mayor’s designee will manage this Contract pursuant to section 2-8.2.12 of Code of Miami-Dade County, Florida, (the WASD Acceleration Ordinance), which delegates authority to the County Mayor or County Mayor’s designee to, among other things, negotiate and settle claims and execute change orders that do not exceed ten percent (10%) of the base contract amount, subject to ratification by the Board.

Fiscal Impact/Funding Source

The fiscal impact to the County is \$9,529,339.75, inclusive of the Inspector General (IG) Fee, which WASD has determined to be fair and reasonable.

The Connect to Protect portion of the Project is in WASD’s FY 2025-2026 Adopted Budget and Multi-Year Capital Plan. Funding will be provided from the Capital Program Project #967090, Commercial and Industrial Corridors – Extension of Sewer System (Connect to Protect), Volume #3, Page #101. The funding sources are: BBC GOB Financing and Florida Department of Environmental Protection Grant.

The water portion of the Contract is in Capital Program #2000000072, Water Reset Program-Small Diameter Water Mains Replacement, Volume #3, page 121. The funding sources are: WASD Revenue Bonds Sold, Future WASD Revenue Bonds, and Water Connection Charges.

- The funding sources do not impact the General Fund.
- The life expectancy of the Project is 100 years.
- Annual Operations Cost Impact / Funding: \$10,000. The funding source for the operating impact is WASD Operating Revenues.
- Annual Maintenance Cost Impact / Funding: \$10,000. The funding source for the maintenance impact is WASD Operating Revenues.
- The Project does not include Art in Public Places.

Vendor Selection & Track Record

On July 17, 2025, WASD received and opened nine (9) bids in response to the June 5, 2025, advertisement for an open competitive solicitation for the Contract.

Company Name	Base Bid	Total Bid*
JVA Engineering Contractor Inc.	\$8,081,197.77	\$9,529,339.75
Lanzo Construction Co. Florida	\$8,209,091.60	\$9,660,000.76
All Construction & Plumbing Inc.	\$8,850,000.00	\$10,375,000.00
Pabon Engineering Inc.	\$9,322,716.10	\$10,894,987.71
Roadway Construction LLC	\$9,411,393.06	\$11,132,920.39
RPU General & Engineering Con.	\$9,799,802.56	\$11,419,782.82
David Mancini and Sons Inc.	\$11,107,999.80	\$12,858,799.78
Ric Man International Inc.	\$12,059,323.59	\$13,905,255.95
Maestre Construction Inc.	\$15,417,582.68	\$17,599,340.95

*Total bid includes contingency & dedicated allowances

The following due diligence was performed, and JVA was determined to be the lowest responsive and responsible bidder:

- There were no contract measures assigned to the Contract. The Project Worksheet is attached hereto as Exhibit A.
- The Engineer of Record (EOR) reviewed the bid submission and, on October 2, 2025, determined that the lowest bid was acceptable as submitted and that JVA satisfied the requirements of the solicitation. The EOR's letter is attached hereto as Exhibit B.
- Pursuant to Resolution No. R-187-12, on August 15, 2025, WASD performed a review of the vendor information in the Business Management Workforce System (BMWS). WASD discovered no adverse information.
- According to the contract history downloaded from BMWS on August 15, 2025, JVA has been awarded one (1) contract in the amount of \$5,544,673.30 from the County in the last five (5) years.
- JVA has 72 evaluations in the ISD Capital Improvement Information System (CIIS), with a rating of 3.6 out of a possible 4.0 maximum.

WASD has confirmed that the low bidder, JVA, is both responsive and responsible. JVA submitted a total bid of \$9,529,339.75, which is 21% above the EOR's pre-bid estimate (July 2025). Inflation, rising labor, equipment costs and a volatile material and supply chain market have contributed to fluctuating prices throughout the industry and locally. These trends have made cost estimating and projecting project bids increasingly challenging, as prices continue to fluctuate in response to unpredictable and unstable economic conditions. Despite these challenges, WASD received nine (9) competitive bids, with the three low bidders' prices falling within 10% of one another. This close grouping indicates a highly competitive market environment and confirms that the low bidder's price represents a fair and reasonable value for the work that is consistent with current market conditions.

As a part of the responsibility review and proper due diligence, WASD requested the EOR prepare a Bid Analysis using updated market trends and pricing. A copy of the EOR's Bid Analysis is attached hereto as Exhibit C. Against this updated Bid Analysis, the EOR confirmed that the bid submitted by JVA is reasonable and recommended that WASD proceed with the Contract award. Therefore, WASD recommends that the Contract be awarded to JVA for a total compensation amount of \$9,529,339.75, with a total Contract period of 627 days, inclusive of 540 days to Substantial Completion, 570 days to Final Completion, and a 57-day Contingency Time Allowance. There are no protests to this award.

The proposed Contract, signed by JVA is attached hereto as Exhibit D.

WASD Contract Monitor

WASD's Deputy Director of Planning, Regulatory Compliance and Capital Infrastructure, Marisela Aranguiz-Cueto, P.E., will oversee the implementation of the Contract.

Background

In January 2022, the County Mayor launched the Connect to Protect Initiative, which is a multi-year countywide program to provide sanitary sewer service to residents with septic tanks systems. Approximately 120,000 septic tank systems are still in use throughout the County and approximately 9,000 septic tank systems are vulnerable to compromise or failure under current groundwater conditions. Compromised and failing septic tank systems can cause public health risks, negative impacts on private properties, and impacts to the local environment, including Biscayne Bay.

The Project resulted from the Board's adoption of Resolution No. R-597-13, which directed the County Mayor to provide a plan to extend sewer service to commercial and industrial parcels within various Commission Districts.

The Project will provide water and wastewater improvements within the GTC. The proposed system improvement will be installed in the area bounded by NW 79th Terrace, NW 76th Street, NW 22nd Avenue, and NW 27th Avenue. The wastewater improvements include installation of approximately 10,000 LF of sanitary sewer gravity pipe, manholes and sewer laterals. The improvements to the potable water system include installation of approximately 7,000 linear feet of water main pipe, valves, and fittings, fire hydrants, and reconnections to existing meters.

The Project will ensure that WASD meets the demands expected by future growth in this area while also providing the required flows for fire protection.

Contract Manager Name/Phone/Email

Paul Adams / 786-863-9425 / paul.adams@miamidade.gov

Project Manager Name/Phone/Email

Doralba Vargas / 786-552-4445 / Doralba.vargas@miamidade.gov

Applicable Ordinances and Measures

The table below depicts the applicable legislative policies.

Title	Legislation	Notations
Local Preference	Code Section 2-8.5	
Local Certified Veteran Business Enterprise Preference	Code Section 2-8.5.1	
Sea Level Rise	Ordinance 14-79	
Sustainable Buildings Program	Implementing Order 8-8	
Buy American Iron & Steel Procurement Program	Code Section 2-8.2.6.1	
Office of Inspector General Fee	Code Section 2-1076	
User Access Program	Code Section 2-8.10	

Project Chronology

Event	Projected Date
1. Pre-bid Meeting Date if applicable	6/17/2025
2. Bid opening date	7/17/2025
3. Planned Bid Award date	TBD
4. Planned pre-construction meeting	TBD
5. Planned Notice to proceed	TBD
6. Planned groundbreaking	TBD
7. Planned completion date	TBD

SIGNATURE PAGE

Water and Wastewater Service to Commercial Properties - Green Tech Corridor Basin 191
S-16155



David Clodfelter
OMB DIRECTOR

12/03/2025

DATE

Approved as to legal sufficiency



Sandra E. Ramirez
Assistant County Attorney

12/4/25

DATE



Roy Coley
Chief Utilities and Regulatory Services Officer

12/4/25

DATE

Attachments



Office of Small Business Development

Project Worksheet

Exhibit A

Project/Contract Title: Wastewater Service to Commercial Properties – Green Tech Corridor Basin 191
 Received Date: 4/8/2025

Project/Contract No: S-16155
 Funding Source: WASD Revenue Bonds Sold, Future WASD Revenue Bonds

Department: Water & Sewer

Estimated Cost of Project/Bid: \$4,752,748.61

Description of Project/Bid: The project is to install Wastewater Service to Commercial Properties - Green Tech Corridor Basin 191.

Contract Measures		
Measure	Program	Goal Percent
No Measure	SBE – Goods & Services	

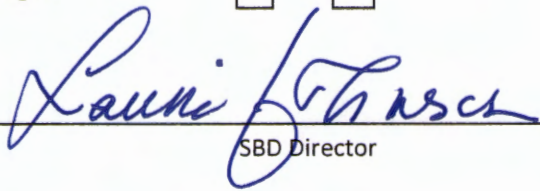
Reasons for Recommendation

SMALL BUSINESS ENTERPRISE – GOODS & SERVICES (SBE-G&S).
 SBD reviewed this project pursuant to Implementing Order 3-41 for an SBE-G or SBE-S measure. Project information analyzed included the project's scope of services, estimated project cost, minimum requirements/qualifications and funding source. These indicate a No Measure is appropriate as there were no SBE-G&S subcontracting opportunities possible on this project.

NAICS 237990 Other Heavy and Civil Engineering Construction, NAICS 236220 Commercial and Institutional Building Construction, NAICS 237110 Water and Sewer Line and Related Structures Construction, NAICS 237130 Power and Communication Line and Related Structures Construction

Living Wages: YES NO Highway: YES NO Heavy Construction: YES NO

Responsible Wages: YES NO Building: YES NO


 SBD Director


 Date



Corporate Office
8550 NW 33rd Street, Suite 202
Doral, Florida 33122
T 305.551.4608
F 305.551.8977
www.adaeng.net

October 2, 2025

Exhibit B

Doralba Vargas, P.E.
Project Manager
Utility Engineering
Miami-Dade Water & Sewer Department
3575 S LeJeune Rd, Miami, Florida 33133

**Subject: EOR Award Recommendation for Contract No. S-16155
Wastewater and Water Service to Commercial Properties
Green Tech Corridor Basin 191 Project**

Dear Ms. Vargas,

The undersigned, Waddie Ruiz, P.E. of A.D.A. Engineering, Inc., has reviewed the bid tally and the complete bid submission from JVA Engineering Contractor, Inc., the low bidder for Contract No. S-16155. All required documentation has been reviewed and comply with the Project Specifications, Section 1.01 Minimum Requirements of the Bidder. Also, the Contractor's Bid Total Estimate is approximately 21% above the WASD's budget, which is attributable to the escalating construction costs experienced in Miami-Dade County during the last few years. Please refer to the attached Bid Analysis Memo for more details.


Based upon the information provided, I have determined that JVA Engineering Contractor, Inc. meets the qualifications required in the solicitation and recommend that the Miami-Dade Water and Sewer Department awards this project to JVA Engineering Contractor, Inc., the low bidder for this contract.

Sincerely,

A.D.A. Engineering, Inc.

Waddie Ruiz, P.E.

Name of Professional Engineer



Signature of Professional Engineer
P.E. Lic. No. 62714

cc: Albert Argudin, A.D.A. Engineering, Inc.
Attachments

MDC008



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Exhibit C - EOR Bid Analysis

Memorandum

Date: October 2, 2025

WASD Contract No: S-16155

ADA Project No: C047-0317-06

To: Doralba Vargas, P.E.
WASD Project Manager


From: Waddie Ruiz, P.E.

Reference: Bid Analysis for the Miami-Dade Water & Sewer Department – Capital Improvement Program
16155 – Wastewater and Water Service to Commercial Properties
Green Tech Corridor Basin 191
Contract No. S-16155

The Miami-Dade Water and Sewer Department (WASD), Capital Improvements Program (CIP) advertised the referenced contract on June 5, 2025. Bids were due on July 10, 2025. There were nine (9) bids that were received by the County. The nine (9) responsive and responsible bidders were JVA Engineering Contractor, Inc. (JVA); Lanzo Construction Co. Florida (LCCF); All Construction & Plumbing, Inc.; Pabon Engineering, Inc.; Roadway Construction, LLC.; RPU General & Engineering Contractors; David Mancini and Sons, Inc.; Ric Man International, Inc. and Maestre Construction, Inc.

The bid from JVA, which is inclusive of all the proposed work and allowances, was deemed the lowest bidder with a grand total bid of \$9,529,339.75. LCCF's bid came in second with a grand total bid of \$9,660,000.76 and was approximately 1.37% higher than the bid submitted by JVA. JVA's bid came in at approximately 1.21 times the WASD's budget. Below is A.D.A. Engineering, Inc.'s (ADA) bid analysis.

Inflation, rising labor, equipment costs and a volatile material and supply chain market have contributed to fluctuating prices throughout the industry and locally.

From 2020 to 2025, water and sewer construction costs in Miami-Dade County have risen sharply due to compounding increases in labor, material, and equipment costs as well as an abundance of heavy-civil construction projects. These trends have made project bids significantly higher than initial budget estimates. The following is a breakdown of each trend and its impact:

Labor Cost Trends

- 2020–2025 Increase: ~30%

- Drivers:
 - Skilled labor shortages in plumbing, electrical, and heavy equipment operation.
 - Miami-Dade County's Prevailing Wages continue to rise drastically on a yearly basis. Rising wages to attract qualified workers amid high demand.
 - Specialized expertise (e.g., SCADA systems, medium-voltage installations) commanding premium rates.
 - Longer project timelines due to limited workforce availability, increasing overhead and supervision costs.

Material Cost Trends

- 2020–2025 Increase: ~35%
- Drivers:
 - Global supply chain disruptions affecting availability of steel, concrete, piping, and electrical components.
 - Tariffs and trade policy uncertainty increasing import costs.
 - Climate resilience requirements (e.g., flood-resistant materials) adding to material complexity and cost.
 - Contractors including price escalation clauses to hedge against future volatility.

Equipment Cost Trends

- 2020–2025 Increase: ~27%
- Drivers:
 - Rising costs for specialized construction equipment (e.g., trench shoring, bypass pumps).
 - Increased rental rates due to high demand and limited availability.
 - Maintenance and fuel costs are climbing due to inflation and regulatory compliance.
 - Delays in equipment delivery affecting schedules and productivity.

Combined Impact on Project Bids

- These cost increases have led to project bids exceeding budget estimates by 25–40% in many cases.
- There is no shortage of work locally in the heavy-civil construction market and it is resulting in less competitive bids.
- Uncertainty in the pricing and availability of materials and equipment leads to higher markups by the contractor. Miami-Dade County had not published prevailing wages for heavy civil construction for the period of 2026 prior to the time of bid. Therefore, the contractor's prices for labor are adjusted aggressively based on recent trends.

Mrs. Vargas, PE
10/2/25

The following are reliable sources that support the trends and inflationary impacts on labor, material, and equipment costs for heavy-civil construction projects in Miami-Dade County from 2020 to 2025:

Labor, Material & Equipment Cost Trends

- Gordian Construction Cost Insights Report (Q1 2025)
Offers detailed analysis of labor shortages, material price volatility, and equipment cost increases, including the impact of tariffs and regulatory changes.
[View Report](#)

Miami-Dade County Water & Sewer Budget

- FY 2025–26 Proposed Budget and Capital Plan
Details WASD's infrastructure investments, rate increases, and operational cost drivers including labor and equipment.
[View Budget Document](#)

Inflation Impact on Construction in Florida

- Florida TaxWatch Report (2025)
Highlights inflationary pressures from tariffs, supply chain disruptions, and labor shortages affecting construction costs statewide.
- [Business Observer Summary](#)
- [Florida Politics Analysis](#)
- [Florida TaxWatch Blog](#)

If an average of 20% escalated construction costs (materials, equipment, and labor) is applied to the Opinion of Probable Construction Cost for project S-16155, the \$7.87M budgeted for the project results in a new cost of approximately \$9.4M. The lowest bid from JVA would be within approximately 1% of the escalated budget.

WW SERVICE TO COMMERCIAL PROPERTIES - GREEN TECH CORRIDOR BASIN 191										BID TABULATION			
CONTRACT: 16155	Description	Quantity	UoM	ENGINEER'S ESTIMATE		JVA ENGINEERING CONTRACTOR INC		COST DIFFERENCE		% DIFFERENCE			
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost				
001	For performing preparatory work and operations in mobilizing for beginning the work of the Project, see details.	1	AS	296,269.20	296,269.20	880,000.00	880,000.00	583,730.80	197.03				
002	For furnishing and delivering to the Department 12-inch zinc-coated ductile iron pipe and fittings for water main	4723	LF	100.00	472,300.00	108.60	512,917.80	40,617.80	8.60				
003	For installing 12-inch zinc-coated ductile iron pipe and fittings for water main.	4723	LF	75.00	354,225.00	88.10	416,096.30	61,871.30	17.47				
004	For furnishing and delivering to the Department 20-inch zinc-coated ductile iron pipe and fittings for water main	47	LF	140.00	6,580.00	701.20	32,956.40	26,376.40	400.86				
005	For installing 20-inch zinc-coated ductile iron pipe and fittings for water main.	47	LF	90.00	4,230.00	268.30	12,610.10	8,380.10	198.11				
006	For furnishing and delivering to the Department 8-inch zinc-coated ductile iron pipe, pipe fittings, and valves for water main	1814	LF	80.00	145,120.00	83.10	150,743.40	5,623.40	3.88				
007	For installing 8-inch zinc-coated ductile iron pipe, pipe fittings, and valves for water main	1814	LF	60.00	108,840.00	94.00	170,516.00	61,676.00	56.67				
008	For furnishing and delivering to the Department 6-inch zinc-coated ductile iron pipe, pipe fittings and valves for water main	95	LF	70.00	6,650.00	529.30	50,283.50	43,633.50	656.14				
009	For installing 6-inch zinc-coated ductile iron pipe, pipe fittings, and valves for water main	95	LF	50.00	4,750.00	100.00	9,500.00	4,750.00	100.00				
010	For furnishing and delivering to the Department 4-inch zinc-coated ductile iron pipe, pipe fittings and valves for water main	76	LF	50.00	3,800.00	165.00	12,540.00	8,740.00	230.00				
011	For installing 4-inch zinc-coated ductile iron pipe, pipe fittings, and valves for water main	76	LF	40.00	3,040.00	83.00	6,308.00	3,268.00	107.50				
012	For furnishing and delivering to the Department 12-inch mechanical joint resilient seated gate valves for water main	23	EA	3,500.00	80,500.00	5,622.00	129,306.00	48,806.00	60.63				
013	For installing 12-inch mechanical joint resilient seated gate valves for water main	23	EA	3,000.00	69,000.00	1,655.00	38,065.00	-30,935.00	-44.83				
014	For furnishing and delivering to the Department 20-inch zinc-coated mechanical joint butterfly valve(s) for water main, complete, the price each of	1	EA	20,500.00	20,500.00	11,344.00	11,344.00	-9,156.00	-44.66				
015	For installing 20-inch mechanical joint butterfly valve(s) for water main, complete, the price each of	1	EA	20,000.00	20,000.00	6,326.00	6,326.00	-13,674.00	-68.37				
016	For making tapping connections to existing 16" water mains at, see details	2	EA	17,500.00	35,000.00	47,569.00	95,138.00	60,138.00	171.82				
017	For making tapping connections to existing 12" water mains at, see details	2	EA	14,000.00	28,000.00	27,476.00	54,952.00	26,952.00	96.26				
018	For making tapping connections to existing 8" water mains at, see details	6	EA	10,000.00	60,000.00	26,542.00	159,252.00	99,252.00	165.42				

019	For making tapping connections to existing 6" water mains at, see details	3 EA	6,000.00	18,000.00	19,290.00	57,870.00	39,870.00	221.50
020	For making tapping connections to existing 4" water mains at, see details	2 EA	4,000.00	8,000.00	20,178.00	40,356.00	32,356.00	404.45
021	For removing existing plugs and connecting to existing 12" water mains at, see details	12 EA	5,000.00	60,000.00	6,809.00	81,708.00	21,708.00	36.18
022	For removing existing plugs and connecting to existing 8" water mains at, see details	1 EA	3,000.00	3,000.00	3,921.00	3,921.00	921.00	30.70
023	For cutting and plugging existing 8" water main after proposed water main is in service, see details	14 EA	3,300.00	46,200.00	5,400.00	75,600.00	29,400.00	63.64
024	For cutting and plugging existing 6" water main after proposed water main is in service, see details	8 EA	3,000.00	24,000.00	5,386.00	43,088.00	19,088.00	79.53
025	For cutting and plugging existing 4" water main after proposed water main is in service, see details	17 EA	2,800.00	47,600.00	5,289.00	89,913.00	42,313.00	88.89
026	For relocation of existing 20" C.I.P. water main at, see details	1 EA	16,000.00	16,000.00	26,801.00	26,801.00	10,801.00	67.51
027	For relocation of existing 12" D.I.P water main at, see details	1 EA	12,000.00	12,000.00	24,940.00	24,940.00	12,940.00	107.83
028	For relocation of existing 6" D.I.P water main at, see details	2 EA	10,000.00	20,000.00	14,410.00	28,820.00	8,820.00	44.10
029	For relocation of existing 4" D.I.P water main at, see details	2 EA	5,000.00	10,000.00	11,885.00	23,770.00	13,770.00	137.70
030	For furnishing and delivering to the Department fire hydrant assemblies with guard posts	20 EA	5,240.00	104,800.00	6,605.00	132,100.00	27,300.00	26.05
031	For installing fire hydrant assemblies with guard posts	20 EA	6,880.00	137,600.00	4,546.00	90,920.00	-46,680.00	-33.92
032	For removing and salvaging existing fire hydrant assemblies with elbow/shoe and guard posts	9 EA	2,000.00	18,000.00	1,208.00	10,872.00	-7,128.00	-39.60
033	For furnishing and installing 1-inch single service short and long, including reconnection of customer's service pipe and meter transfer	52 EA	3,560.00	185,120.00	3,425.00	178,100.00	-7,020.00	-3.79
034	For constructing Flushing Valve Outlet Assemblies (FVOs) for water mains at the locations shown on the plans	1 EA	3,000.00	3,000.00	4,647.00	4,647.00	1,647.00	54.90
035	For constructing Air Release Valve Assemblies (ARVs) for water mains at the locations shown on the Plans (Contingent Item)	5 EA	3,500.00	17,500.00	4,131.00	20,655.00	3,155.00	18.03
036	For furnishing and installing V-Bio Enhanced Polyethylene Encasement for any size ductile iron pipe, fitting, or valve, the price per linear foot of	6755 LF	4.00	27,020.00	2.10	14,185.50	-12,834.50	-47.50
037	For furnishing and delivering to the Department hydrocarbon impermeable Fluoroelastomer mechanical joint gaskets, see details	750 EA	55.00	41,250.00	547.00	410,250.00	369,000.00	894.55
038	Providing a Certified Industrial Hygienist, see details	1 AS	20,000.00	20,000.00	60,375.00	60,375.00	40,375.00	201.88
039	For additional supplemental unit cost, in contaminated areas. See details	500 LF	65.00	32,500.00	142.00	71,000.00	38,500.00	118.46
040	For furnishing and delivering to the Department 10" PVC (C900) DR 25, (C.I.O.D.), (11.10" O.D.), see details	1383 LF	65.00	89,895.00	39.20	54,213.60	-35,681.40	-39.69
041	For installing 10" PVC (C900) DR 25 pipe for sanitary sewer main (6 to 7.99 feet)	46 LF	140.00	6,440.00	94.00	4,324.00	-2,116.00	-32.86
042	For installing 10" PVC (C900) DR 25 pipe for sanitary sewer main (8 to 9.99 feet)	471 LF	160.00	75,360.00	118.40	55,766.40	-19,593.60	-26.00
043	For installing 10" PVC (C900) DR 25 pipe for sanitary sewer main (10 to 11.99 feet)	866 LF	180.00	155,880.00	111.60	96,645.60	-59,234.40	-38.00
044	For furnishing and delivering to the Department 8-inch zinc-coated ductile iron pipe with EPDM gaskets for gravity sanitary sewer main	560 LF	70.00	39,200.00	89.00	49,840.00	10,640.00	27.14
045	For installing 8" zinc-coated ductile iron pipe for sanitary sewer main (0 to 5.99 feet)	560 LF	65.00	36,400.00	92.40	51,744.00	15,344.00	42.15

046	For furnishing and delivering to the Department 8" PVC (C900) DR25, (C.I.O.D.), (9.5" O.D.), see details	5606 LF	50.00	280,300.00	16.50	92,499.00	-187,801.00	-67.00
047	For installing 8" PVC (C900) DR 25 pipe for sanitary sewer main (0 to 5.99 feet)	1373 LF	65.00	89,245.00	84.50	116,018.50	26,773.50	30.00
048	For installing 8" PVC (C900) DR 25 pipe for sanitary sewer main (6 to 7.99 feet)	2375 LF	100.00	237,500.00	84.20	199,975.00	-37,525.00	-15.80
049	For installing 8" PVC (C900) DR 25 pipe for sanitary sewer main (8 to 9.99 feet)	1406 LF	110.00	154,660.00	115.00	161,690.00	7,030.00	4.55
050	For installing 8" PVC (C900) DR 25 pipe for sanitary sewer main (10 to 11.99 feet)	2375 LF	120.00	285,000.00	114.80	272,650.00	-12,350.00	-4.33
051	For furnishing and delivering to the Department 6" PVC (C900), see details.	2110.5 LF	45.00	94,972.50	13.00	27,436.50	-67,536.00	-71.11
052	For installing 6" PVC (C900) DR 25 pipe for lateral sewer where shown on the plan	2110.5 LF	55.00	116,077.50	175.40	370,181.70	254,104.20	218.91
053	For selling and delivering to the Department 8"x6" PVC Wye Branch connections for sewer	50 EA	350.00	17,500.00	610.00	30,500.00	13,000.00	74.29
054	For installing 8"x6" PVC Wye Branch connections for sewer	50 EA	200.00	10,000.00	320.00	16,000.00	6,000.00	60.00
055	For selling and delivering to the Department 8"x6" PVC Tee Branch connections for sewer	17 EA	300.00	5,100.00	835.00	14,195.00	9,095.00	178.33
056	For installing 8"x6" PVC Tee Branch connections for sewer	17 EA	350.00	5,950.00	380.00	6,460.00	510.00	8.57
057	For selling and delivering to the Department 10"x6" PVC Wye Branch connections for sewer	1 EA	360.00	360.00	660.00	660.00	300.00	83.33
058	For installing 10"x6" PVC Wye Branch connections for sewer	1 EA	250.00	250.00	300.00	300.00	50.00	20.00
059	For selling and delivering to the Department 10"x6" PVC Tee Branch connections for sewer	19 EA	360.00	6,840.00	653.00	12,407.00	5,567.00	81.39
060	For installing 10"x6" PVC Tee Branch connections for sewer	19 EA	250.00	4,750.00	338.00	6,422.00	1,672.00	35.20
061	For furnishing and installing all components of a typical clean-out assembly	87 EA	1,600.00	139,200.00	1,385.00	120,495.00	-18,705.00	-13.44
062	For furnishing and delivering to the Department precast Reinforced Concrete Manhole for 0 ft. to 5.99 ft. depths. See details	6 EA	2,500.00	15,000.00	2,623.00	15,738.00	738.00	4.92
063	For installing Precast reinforced Concrete Manhole with frame and cover for 0 ft. to 5.99 ft. depths, with concentric/eccentric corbel	6 EA	3,500.00	21,000.00	8,975.00	53,850.00	32,850.00	156.43
064	For furnishing and delivering to the Department precast Reinforced Concrete Manhole for 6 ft. to 7.99 ft. depths. See details	9 EA	3,500.00	31,500.00	3,155.00	28,395.00	-3,105.00	-9.86
065	For installing Precast reinforced Concrete Manhole with frame and cover for 6 ft. to 7.99 ft. depths, with concentric/eccentric corbel	9 EA	4,500.00	40,500.00	9,495.00	85,455.00	44,955.00	111.00
066	For furnishing and delivering to the Department precast Reinforced Concrete Manhole for 8 ft. to 9.99 ft. depths. See details	7 EA	4,000.00	28,000.00	3,695.00	25,865.00	-2,135.00	-7.63
067	For installing Precast reinforced Concrete Manhole with frame and cover for 8 ft. to 9.99 ft. depths, with concentric/eccentric corbel	7 EA	5,000.00	35,000.00	9,495.00	66,465.00	31,465.00	89.90
068	For furnishing and delivering to the Department precast Reinforced Concrete Manhole for 10 ft. to 11.99 ft. depths. See details	7 EA	5,000.00	35,000.00	4,175.00	29,225.00	-5,775.00	-16.50
069	For installing Precast reinforced Concrete Manhole with frame and cover for 10 ft. to 11.99 ft. depths, with concentric/eccentric corbel	7 EA	6,000.00	42,000.00	9,495.00	66,465.00	24,465.00	58.25
070	For furnishing and delivering to the Department precast Reinforced Concrete Manhole for 10 ft. to 11.99 ft. depths. See details	1 EA	13,000.00	13,000.00	4,590.00	4,590.00	-8,410.00	-64.69
071	For installing Precast reinforced Concrete Manhole with drop connections frame and cover for 10 to 11.99 ft. depths, with concentric/eccentric corbel	1 EA	6,500.00	6,500.00	9,495.00	9,495.00	2,995.00	46.08

072	For selling and delivering to the Department Precast Reinforced Stormwater Conflict Concrete Manhole at, see details	2 EA		4,300.00	8,600.00	3,970.00	7,940.00	-660.00	-7.67
073	For installing Precast Reinforced Stormwater Conflict Concrete Manhole at, see details	2 EA		5,000.00	10,000.00	10,120.00	20,240.00	10,240.00	102.40
074	For making core and drill connection to an existing gravity sewer manhole	5 EA		1,500.00	7,500.00	4,970.00	24,850.00	17,350.00	231.33
075	For all costs incurred in furnishing, operating and maintaining sewage by-pass operations, see details	1 AS		250,000.00	250,000.00	75,770.00	75,770.00	-174,230.00	-69.69
076	For furnishing and installing grout (flowable fill) for filling existing 8 & 6 & 4-inch water main, see details	5 CY		400.00	2,000.00	445.00	2,225.00	225.00	11.25
077	For constructing 8-inch reinforced concrete protective slab, see details	10 CY		450.00	4,500.00	1,480.00	14,800.00	10,300.00	228.89
078	For trench overcut in 1-foot depth increments, for any size pipe (Contingent Item)	100 LF		5.00	500.00	1.20	120.00	-380.00	-76.00
079	For sheeting and shoring ordered left in place by the Engineer (Contingent Item)	100 SF		25.00	2,500.00	1.20	120.00	-2,380.00	-95.20
080	For removal, transport and legal disposal of unsuitable backfill materials, including tipping fees, as ordered by the Engineer (Contingent Item)	100 CY		25.00	2,500.00	85.00	8,500.00	6,000.00	240.00
081	For furnishing and installing additional suitable backfill material for pipe bedding to replace unsuitable fill, see details	100 CY		36.00	3,600.00	74.00	7,400.00	3,800.00	105.56
082	For constructing limerock base for Type "I" permanent pavement repairs	7363.93 SY		15.00	110,458.95	39.60	291,611.63	181,152.68	164.00
083	For constructing Type "I" asphaltic concrete surface course permanent pavement repairs	7363.93 SY		20.00	147,278.60	25.40	187,043.82	39,765.22	27.00
084	For constructing limerock base for Type II permanent pavement repairs	1112.07 SY		255.00	283,577.85	90.50	100,642.34	-182,935.52	-64.51
085	For constructing Type II asphaltic concrete surface course permanent pavement repairs	1112.07 SY		106.00	117,879.42	47.90	53,268.15	-64,611.27	-54.81
086	For cold milling roadway surface course for permanent pavement repairs (nominal 1 inch thick) (area as shown on Plans) (Contingent Item)	17809.95 SY		4.50	80,144.78	5.50	97,954.73	17,809.95	22.22
087	For constructing Type "V" permanent pavement repairs for roadway, see details	17809.95 SY		12.00	213,719.40	13.80	245,777.31	32,057.91	15.00
088	For cold milling FDOT roadway surface course for permanent pavement repairs (nominal 1-1/2 inch thick) (area as shown on Plans) (Contingent Item)	8895 SY		5.00	44,475.00	9.80	87,171.00	42,696.00	96.00
089	For constructing Type "V" permanent pavement repairs for FDOT roadway, see details	8895 SY		15.00	133,425.00	20.70	184,126.50	50,701.50	38.00
090	For replacing pavement markings damaged, removed or obliterated by the Contractor's operation	1 AS		95,000.00	95,000.00	4,830.00	4,830.00	-90,170.00	-94.92
091	For constructing concrete sidewalk restoration to match existing (Contingent Item)	100 SF		11.00	1,100.00	46.00	4,600.00	3,500.00	318.18
092	For constructing concrete curb and gutter restoration match existing (Contingent Item)	300 LF		30.00	9,000.00	56.10	16,830.00	7,830.00	87.00
093	For restoring sodded area (Contingent Item)	100 SY		7.00	700.00	12.00	1,200.00	500.00	71.43
094	For constructing pedestrian curb ramps at intersections per FDOT Standard Plans Index 522-002, see details	5 EA		650.00	3,250.00	1,395.00	6,975.00	3,725.00	114.62
095	For constructing pedestrian curb ramp detectable warnings per FDOT Standard Plans Index 522-002, see details	30 SF		39.00	1,170.00	83.00	2,490.00	1,320.00	112.82

096	For furnishing traffic control, the aggregate sum of	1 AS	355,523.04	355,523.04	250,000.00	250,000.00	-105,523.04	-29.68
Base Bid Cost Total			6,577,176.24		8,081,197.77		1,504,021.54	22.87
Dedicated Allowance								
500	This item establishes a fund for payment of price escalation claims made by the Contractor. See details	1 AS	200,000.00	200,000.00	200,000.00		0	0
501	For providing uniformed, off-duty police officers for the purpose of maintenance of traffic, the aggregate sum of	1 AS	250,000.00	250,000.00	250,000.00		0	0
502	For cost of required permits, fees, inspections, impact fees, if authorized by the Engineer,	1 AS	190,000.00	190,000.00	190,000.00		0	0
Dedicated Allowance Cost Total			640,000.00		640,000.00		0	0
Contingency Allowance								
900	For unforeseen conditions, for minor construction changes, and for quantity adjustments, if ordered by the Engineer (10% of Base Bid)	1 AS	657,717.62	657,717.62	808,141.98		808,141.98	
Contingency Allowance Cost Total			657,717.62		808,141.98		808,141.98	

Bid Summary								
		Total Contract Cost	7,874,893.86				9,529,339.75	

CONTRACT

Exhibit D

THIS CONTRACT, made and entered into on the ___ day of _____, 2025, by and between Miami-Dade County, Florida, acting by and through the Office of the Mayor, party of the first part (hereinafter sometimes called the "County"), and JVA Engineering Contractor, Inc., party of the second part (hereinafter sometimes called "Contractor");

WITNESSETH

That the parties hereto, for and in consideration of the covenants and agreements hereinafter set forth, mutually agree as follows, to wit:

1. That the Contractor shall furnish all labor, materials and equipment and perform all work in the manner and form provided by the Contract Documents covering the Project of the County known and identified as

Water and Wastewater Service to Commercial Properties - Green Tech Corridor Basin 191, Contract No. 16155

for the aggregate amount reflected by the Proposal, said aggregate amount being of **Nine Million Five Hundred Twenty-Nine Thousand Three Hundred Thirty-Nine Dollars and Seventy-Five Cents (U.S. Dollars) \$9,529,339.75.**

2. That the Contractor shall begin the work to be performed under this Contract on a day to be specified in a written order issued by the Engineer and shall fully complete all work hereunder within the time or times stated in the Proposal.

3. That the County shall pay to the Contractor for the faithful performance of this Contract, in lawful money of the United States, and subject to additions and deductions as provided in the Contract Documents, the total amount of the Proposal as set forth above at the times and in a manner stated in the General Contract Conditions of the Contract Documents.

4. It is further mutually agreed that if at any time after the execution of this Contract, Surety Performance and Payment Bond, the County shall deem the surety upon such bonds to be unsatisfactory, or if for any reason such bond shall become inadequate to cover the performance of the work, the Contractor shall at its own expense, within five (5) days after the receipt of notice from the County to do so, furnish an additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the County. In such event, no further payment to the Contractor shall be deemed to be due under this Contract until such new or additional security shall have been furnished in a manner and form satisfactory to the County.

5. The "Contract Documents" are hereby defined as the Advertisement for Bids, Questionnaire, Instruction to Bidders, Proposal, Certified Resolution for Proposal and Bid Form, Bid Bond, all forms submitted pre and post award, including, without limitation, Miami-Dade County Vendor Affidavits Form, Sworn Statement – Public Entity Crimes, Clearinghouse Affidavit, Job Order Request form, and the Small Business Enterprise Programs Participation Provisions and Forms (if applicable), this Contract, Certified Resolution for Contract and Performance and Payment Bond, Performance and Payment Bond, Standard Construction General Contract Conditions, revised August 1, 2023, the Technical Specifications, Plans and Drawings designated in the specifications, all Technical Appendices, all Addenda, Water & Sewer Department Special Provisions, Change Orders to the Contract, Notice to Proceed, Referenced Codes and Standards,

CONTRACT

Warranties and Guarantees, all related correspondence, field notes, logs, and other documents.

The Standard Construction General Contract Conditions of said Contract Documents are incorporated herein by reference and made a part hereof as though fully set forth herein. The Contract Documents are complementary, so that a recital in one is tantamount to a recital in all, and the Contractor specifically acknowledges that it has read and understands all of said Contract Documents.

6. The various indemnities of the Contractor contained in the Contract Documents indemnifying the County from liability for damages to persons or property caused by acts, omissions, or defaults in the performance of the Contract Documents shall have a monetary limitation of the larger of the following: \$1,000,000.00, or the entire amount of the Contract.

7. The County retains the right to audit any and all information regarding this Contract as described in the Standard Construction General Contract Conditions, Article 12 G (Miscellaneous Provisions – Audit Rights)

8. Notwithstanding and prevailing over any other provision of the Contract Documents to the contrary, the County Mayor or his designee, may exercise the provisions of Section 2-8.2.12 (4)(d) and (e) of the Code of Miami-Dade County. Any change orders or amendments shall not exceed 10 percent of the base contract price in cumulative percentage amount; provided however, that the foregoing limitation shall not apply to any change order or amendment related to emergency actions impacting remediation, public safety, health requirements or recovery from natural disaster and the foregoing change orders and amendments shall require ratification by the Board; provided further that the County Mayor or his designee may reduce in any amount the scope and compensation payable under this Contract and grant compensable and non-compensable time extensions thereunder. Pursuant to Section 2-8.2.12 (5), the Mayor or the Mayor's designee's award and execution of this Contract is subject to ratification by the Board of County Commissioners. If the Mayor or the Mayor's designee's action is not ratified, and such legislative action becomes final, this Contract shall be deemed terminated without further notice. In such event, the Contractor shall not be entitled to recovery of any lost profits or other consequential or indirect damages. However, the Contractor is eligible for payment for any work done prior to failure of the ratification, in accordance with General Contract Conditions Article on Termination for Convenience.

9. "Contract Execution Date" means the date of the last signature on this contract.

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CONTRACT

IN WITNESS WHEREOF, the parties hereto have executed this Contract in four (4) counterparts, each of which shall be deemed an original Contract, all as of the day and year first hereinbefore written.

(OFFICIAL SEAL)

ATTEST:

Juan Fernandez-Barquin
Clerk of the Court and Comptroller

MIAMI DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY COMMISSIONERS

Attested by: _____
Deputy Clerk

By: _____
Mayor

(PARTY OF THE FIRST PART)

Date

Approved as to Form and Legal Sufficiency

Assistant County Attorney

WHEN THE CONTRACTOR IS A CORPORATION

(CORPORATION SEAL)

ATTEST

(Secretary)

Jose M. Alvarez

(Print or type name)

JVA Engineering Contractor, Inc.

(Name of Corporation)

By: _____
(Signature of Officer)

Jose M. Alvarez

(Print or type name)

President & Secretary

(Official Title)

6600 NW 32nd Avenue

Miami, FL 33147

(Address)

(PARTY OF THE SECOND PART)

* Attach to each counterpart a certified copy of a resolution of the Board of Directors of the corporation authorizing the officer who signs the Contract and Surety Performance and Payment Bond to do so in its behalf.



MEMORANDUM
(Revised)

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

DATE: March 3, 2026

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 8(O)(1)

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(O)(1)
3-3-26

RESOLUTION NO. _____

RESOLUTION AWARDING CONTRACT NO. S-16155, WATER AND WASTEWATER SERVICE TO COMMERCIAL PROPERTIES – GREEN TECH CORRIDOR BASIN 191, TO JVA ENGINEERING CONTRACTOR, INC. IN THE AMOUNT OF \$9,529,339.75 AND WITH A CONTRACT PERIOD OF 627 CALENDAR DAYS; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR’S DESIGNEE TO UTILIZE THE MIAMI-DADE WATER AND SEWER DEPARTMENT’S CONSENT DECREE AND CAPITAL IMPROVEMENT PROGRAMS ACCELERATION ORDINANCE, SECTION 2-8.2.12 OF THE CODE OF MIAMI-DADE COUNTY, FLORIDA, TO MANAGE THE CONTRACT; AUTHORIZING THE USE OF FUNDS FROM THE BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND (GOB) PROGRAM PROJECT NO. 17-COUNTYWIDE WATER AND SEWER SYSTEM ENHANCEMENTS – TO PAY IN PART FOR THE EXTENSION OF WASTEWATER SERVICES TO THE GREEN TECH CORRIDOR AREA BASIN 191; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR’S DESIGNEE TO EXECUTE THE CONTRACT AND TO EXERCISE THE TERMINATION AND OTHER PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purpose 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 this Board hereby awards Contract No. S-16155, Water and Wastewater Service to Commercial Properties – Green Tech Corridor (GTC) Basin 191 (the “Contract”), in substantially the form attached to the accompanying County Mayor’s memorandum as Exhibit D, to JVA Engineering Contractor, Inc. for a total contract amount of \$9,529,339.75 and a total contract period of 627 calendar days. The Board also authorizes the County Mayor or County Mayor’s designee: (1) to use the Miami-Dade

Water and Sewer Department's Consent Decree and Capital Improvement Programs Acceleration Ordinance, section 2-8.2.12 of the Code of Miami-Dade County, Florida, to manage the Contract; (2) to use funds from the Building Better Communities General Obligation Bond (GOB) Program No. 17—Countywide Water and Sewer System Enhancements—to pay in part for the extension of wastewater service to the area; and (3) to execute the Contract for and on behalf of the County and to exercise the termination and other provisions contained within the Contract.

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	Vicki L. Lopez
Natalie Milian Orbis	Raquel A. Regalado
Micky Steinberg	

The Chairperson thereupon declared this resolution duly passed and adopted this 3rd day of March, 2026. 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.

SED

Sarah E. Davis