



BOARD OF COUNTY COMMISSIONERS

9/20/22
Utility Services Department
2725 Judge Fran Jamieson Way
Building A, Room 213
Viera, Florida 32940

Inter-Office Memo

Date: June 25, 2023
To: Rita Pritchett, Chair
Thru: Frank Abbate, County Manager *FA*
Thru: John Denninghoff, Assistant County Manager *JD*
From: Edward Fontanin, Utility Services Director *EF*
Subject: Sykes Creek Regional WWTF Headworks Modifications
Amendment 7 – Jones Edmunds and Associates, Inc.
Signature Execution of Professional Services Contract

This Professional Services Contract is for the Sykes Creek Regional WWTF Headworks Modifications in the amount of \$40,401.00 to Jones Edmunds & Associates, Inc (JEA). JEA was awarded this project through a Request for Qualification (RFQ 4-15-02- Sykes Creek Headworks and RAS Pump Station). We are requesting your signature to execute the attached Amendment #7. This amendment is related to the construction support services for the Headworks Modifications currently in construction.

This Utility project was approved by the Board of County Commissioners in special session on September 20, 2022 in adopted Resolution 22-112 establishing the final budget for FY 2022-23.

If you have any questions, please contact Edward Fontanin at (321) 633-2091 or via e-mail.

Attachments:

- Board memo for FY 2022-23 Utilities Services Budget
- CIP Sheet
- AO 29
- Professional Services Contract - Amendment #7

EF/jct



September 21, 2022

MEMORANDUM

TO: Jill Hayes, Budget Office Director

RE: Item D.4., Discussion and Adoption of the County's Final Budget Resolution for Fiscal Year 2022-2023

The Board of County Commissioners, in special session on September 20, 2022, executed and adopted Resolution No. 22-112, establishing the final budget for Fiscal Year 2022-2023. Enclosed is the fully-executed Resolution.

Your continued cooperation is greatly appreciated.

Sincerely yours,

BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK


Kim Powell, Clerk to the Board

/ds

Encl. (1)

cc: Finance

RESOLUTION NO. 22- 112

A RESOLUTION TO ADOPT A FINAL BUDGET PURSUANT TO CHAPTER 200, FLORIDA STATUTES, AUTHORIZING THE BOARD OF COUNTY COMMISSIONERS TO ADOPT THE FINAL OPERATING AND CAPITAL BUDGET FOR FISCAL YEAR 2022-2023 AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Section 200.065, Florida Statutes, as amended, requires that the Board of County Commissioners of Brevard County, Florida, adopt a resolution establishing a budget for the ensuing fiscal year; and

WHEREAS, the Board of County Commissioners of Brevard County, Florida, advertised its intent to adopt an annual budget;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA, that:

1. This Resolution is hereby adopted under the provisions of Section 200.065, Florida Statutes, as amended.
2. The Board of County Commissioners, Brevard County, Florida, as taxing and governing authority, does hereby adopt an operating and capital budget for the fiscal year beginning October 1, 2022 and ending September 30, 2023 in the amount of \$1,849,105,824.
3. A certified copy of this Resolution shall be filed with the Property Appraiser and the Tax Collector of Brevard County, Florida, and the Department of Revenue of the State of Florida.

4. This Resolution shall take effect immediately upon its adoption.

DONE, ORDERED AND ADOPTED, THIS 20th DAY OF SEPTEMBER, A.D., 2022.

ATTEST:

BOARD OF COUNTY COMMISSIONERS OF
BREVARD COUNTY, FLORIDA


Rachel Sadoff, Clerk

By: 

Kristine Zopka, Chair

As approved by the Board on September 20, 2022.

Capital Improvements Project

Period

FY 2022-2023

Department Name

UTILITY_SV - Utility Services Department

Program Name

WATRWS - County Water and Wastewater

Project Name

Bykes: Replace Plant Headworks

Project Code

UTILITY SERVICES-WATRWS-045

Estimated Total Cost of Project

7,051,553

Project Timeline

October 1, 2019 through September 30, 2024

Funded Program

6540203

District(s)

2

Project Description, Milestones and Service Impact

This project involves the replacement of the headworks structures. The headworks is beyond its useful life and a new

Revenue

Description	Account Type Code	Account Type Name (category)	All Prior FY	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027 and Future	Total
Charges For Services Revenue	R0100	Ad Valorem Taxes Revenue								\$-
	R0200	Assessments Revenue								\$-
	R0300	Bond/Referendum Revenue								\$-
	R0400	Charges For Services Revenue	\$1,525,454	\$4,094,601	\$1,431,198					\$7,051,553
	R0500	Constitutional Gas Tax Revenue								\$-
	R0600	Donations Revenue								\$-
	R0700	Fines/Fees Revenue								\$-
	R0800	Fuel Taxes Revenue								\$-
	R0900	General Revenue								\$-
	R1000	Grant Revenue								\$-
	R1100	Impact Fees Revenue								\$-
	R1200	Interest Revenue								\$-
	R1300	Other Finance Sources Revenue								\$-
	R1400	Other Transfers Revenue								\$-
	R1500	Permit/Fees Revenue								\$-
	R1600	Sale of Surplus Equipment Revenue								\$-
	R1700	Sales Tax Revenue								\$-
	R9999	Unfunded								\$-
Total Revenue			\$ 1,525,454	\$ 4,094,601	\$ 1,431,198	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,051,553

Expense

Description	Account Type Code	Account Type Name (category)	All Prior FY	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027 and Future	Total
Land Expense	E0100	Land Expense								\$-
Planning/Design Expense	E0200	Planning/Design Expense	\$33							\$33
Construction Expense	E0300	Construction Expense	\$1,525,421	\$626,099	\$4,900,000					\$7,051,520
Other Expense	E0400	Other Expense								\$-
Total Expense			\$ 1,525,454	\$ 626,099	\$ 4,900,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 7,051,553

**BREVARD COUNTY
BOARD OF COUNTY COMMISSIONERS**

CONTRACT REVIEW AND APPROVAL FORM

SECTION I - GENERAL INFORMATION

1. Contractor: Jones Edmunds & Associates		2. Amount: 40,401.00
3. Fund/Account #: 4153/6540203	4. Department Name: Utility Services	
5. Contract Description: Sykes Creek Regional WWTF Headworks Modifications Amend #7		
6. Contract Monitor: Jennifer Thomas		8. Contract Type: CONSULTANT
7. Dept/Office Director: Utility Services/Edward Fontanin		
9. Type of Procurement: Request for Qualifications (RFQ)		

SECTION II - REVIEW AND APPROVAL TO ADVERTISE

APPROVAL

<u>COUNTY OFFICE</u>	<u>YES</u>	<u>NO</u>	<u>SIGNATURE</u>
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Purchasing	<input type="checkbox"/>	<input type="checkbox"/>	
Risk Management	<input type="checkbox"/>	<input type="checkbox"/>	
County Attorney	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION III - REVIEW AND APPROVAL TO EXECUTE

APPROVAL

<u>COUNTY OFFICE</u>	<u>YES</u>	<u>NO</u>	<u>SIGNATURE</u>
User Agency	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fontanin, Edward <small>Digitally signed by Fontanin, Edward Date: 2023.08.13 15:03:08 -04'00'</small>
Purchasing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bowers, Mary <small>Digitally signed by Bowers, Mary Date: 2023.08.15 12:07:48 -04'00'</small>
Risk Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Summer & Wyllie-Vitt</i> <small>Digitally signed by Wyllie-Vitt, Summer Date: 2023.08.19 16:22:47 -04'00'</small>
County Attorney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beazley, Sarah <small>Digitally signed by Beazley, Sarah Date: 2023.08.21 10:53:13 -04'00'</small>

SECTION IV - CONTRACTS MANAGEMENT DATABASE CHECKLIST

CM DATABASE REQUIRED FIELDS	Complete <input checked="" type="checkbox"/>
Department Information	<input type="checkbox"/>
Department	<input type="checkbox"/>
Program	<input type="checkbox"/>
Contact Name	<input type="checkbox"/>
Cost Center, Fund, and G/L Account	<input type="checkbox"/>
Vendor Information (SAP Vendor #)	<input type="checkbox"/>
Contract Status, Title, Type, and Amount	<input type="checkbox"/>
Storage Location (SAP)	<input type="checkbox"/>
Contract Approval Date, Effective Date, and Expiration Date	<input type="checkbox"/>
Contract Absolute End Date (No Additional Renewals/Extensions)	<input type="checkbox"/>
Material Group	<input type="checkbox"/>
Contract Documents Uploaded in CM database (Contract Form with County Attorney/ Risk Management/ Purchasing Approval; Signed/Executed Contract)	<input type="checkbox"/>
"Right To Audit" Clause Included in Contract	<input type="checkbox"/>
Monitored items: Uploaded to database (Insurance, Bonds, etc.)	<input type="checkbox"/>

**PROFESSIONAL SERVICES CONTRACT
AMENDMENT #7**

**Jones Edmunds & Associates, Inc.
Sykes Creek Regional WWTF Headworks Modifications
Engineering Services During Construction – Additional Services 2**

This Amendment #7 made and entered into this 30 day of June, 2023
by and between the Board of County Commissioners of Brevard County, Florida a political
subdivision of the State of Florida, hereinafter referred to as COUNTY and **Jones Edmunds &
Associates, Inc.**, a business having its primary location at **3910 South Washington Avenue, Suite
210, Titusville, Florida 32780**, hereinafter referred to as CONSULTANT.

WHEREAS, on August 18, 2015, the CONSULTANT and COUNTY entered into the
Professional Services Contract to provide preliminary engineering, final design, bidding
assistance, and construction support services for the rehabilitation or replacement of the
headworks structure, the RAS/WAS pumps, and the dewatering bed (with a vacuum truck
unloading platform) at the COUNTY's Sykes Creek Regional Wastewater Treatment Facility
(WWTF);

And WHEREAS, the CONSULTANT performed the preliminary engineering, final
design, and bidding assistance for the improvements;

And WHEREAS, on January 23, 2018, the Board of County Commissioners voted to
separate the project bid packages into a RAS/WAS package and a Headworks/Dewatering
package, which has been completed, for the purpose of expediting bidding and construction of
the RAS/WAS pumping system rehabilitation, which is now complete;

And WHEREAS, on May 11, 2020, the COUNTY issued to CONSULTANT a fully
executed Contract Amendment 3 along with a Notice to Proceed to separate and modify the

Headworks project from the Headworks/Dewatering package and provide an Arc Flash Hazard and Short Circuit Study for the improvements, deducting remaining design elements associated with bidding and constructing the Dewatering improvements;

And **WHEREAS**, on December 9, 2020 the COUNTY issued to the CONSULTANT a fully executed Contract Amendment 4, with a Notice to Proceed on December 17, 2020 to address the COUNTY design review comments on the Headworks repackaging and design modifications that included new requirements for the design;

And **WHEREAS**, on May 14, 2021 the COUNTY issued to the CONSULTANT a fully executed Contract Amendment 5, with a Notice to Proceed on May 18, 2021. This included a deduct of unused portions of tasks 4.1 and 4.3 for construction support services related to a combined Headworks/Dewatering System design package that are obsolete due to Contract Amendment 3 and to add the construction support services for Headworks Modifications.

And **WHEREAS**, on, November 21, 2022, the COUNTY issued to the CONSULTANT a fully executed Contract Amendment 6, with a Notice to Proceed on December 28, 2022. This included Task 11, Extended Construction Support Services for Headworks Modifications, assuming an 11-month total extended construction duration (August 2022 to July 2023).

And **WHEREAS**, the COUNTY's construction Contractor's schedule is being extended due to supply chain and manufacturer delays in equipment and material deliveries resulting in less progress over the construction contract time and extension of the overall construction schedule from the original contract completion date in July 2023 to completion in November 2023.

And **WHEREAS**, the CONSULTANT will need to support the Contractor's activities and provide additional services to the COUNTY through the extended schedule.

NOW THEREFORE, the COUNTY and the CONSULTANT hereby agree as follows:

1. Add the following to the Section III SCOPE OF WORK:

Task 12 – Extended Construction Support Services for Headworks Modifications:

The CONSULTANT will provide extended engineering services during construction for the stand-alone Headworks Modifications design, assuming a 5-month total extended construction duration (July 2023 to November 2023). Amendment 6 task quantities were based on the Contractor-supplied schedule and discussions with the Contractor that most on-site work and construction would be completed before March 31, 2023, with minimal on-site work and contract administration services by the CONSULTANT between April and June 2023, followed by minor re-mobilization for installation of delayed components and final completion of construction in July 2023. This has not transpired as planned due to manufacturer and equipment delays outside the CONSULTANT's control as documented in the requests for additional information (RFIs), progress meeting minutes, email correspondence, Contractor schedule changes, and Contractor change order proposals. The on-site work and contract administration services have continued past March 31, 2023, and are expected to continue until June 30, 2023, based on the Contractor's submitted schedule and time extension request. After this date, the Contractor plans to demobilize and have minimal sitework and coordination needed between July 2023 till early November 2023, when the Contractor will remobilize on a smaller scale and install the final delayed components after delivery, start-ups, testing, training, demonstrations, project close-out actions documents, and actions to finish this project.

The CONSULTANT has provided additional engineering services beyond what was expected during construction in the Contract Amendment 6 including administration of additional construction services such as the coordination and administration of repairs and replacement of conduit, wiring, and boxes at the WWTF Deep Well; construction progress meetings,

resident observation, and review and coordination of substitution requests; coordination and administration for partial completion and start-ups of the manual bar screen including site visits, submission of an FDEP partial completion notification, and meetings with FDEP; additional submittal and change order proposal reviews; and additional responses for RFIs. All fees for this project from past Amendments has been expended providing these services. The CONSULTANT has been providing services beyond March 31, 2023, to keep the project moving forward despite the delays outside the CONSULTANT's control. The CONSULTANT requires Amendment 7 herein to continue to provide the services to complete this project including coordination, Substantial and Final Completion walkthroughs and reviews, Record Drawing preparation, punch lists, close-out documentation, start-ups and testing, site visits, etc. The fee schedule attached as Exhibit A shows each task and the associated fees required.

2. Modify Section VIII, Basis of Compensation, to add Task 12, as shown below. Time-and-material fees listed below represent not-to-exceed amounts unless authorized by the COUNTY in writing.

TASK	DESCRIPTION	FEE	BASIS
12	Extended Construction Support Services for Headworks Modifications - ADD	\$40,401.00	Time and Materials
	Total - ADD	\$40,401	

IN WITNESS WHEREOF, this ____ day of _____, 2023.

ATTEST:



Rachel Sadoff, Clerk

For: BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA

By: 
Rita Pritchett, Chair

Date: JUL 11 2023

As approved by the Board on 1/23/18

Consultant:
Jones Edmunds & Associates, Inc



Stanley P. Ferreira, PE
President & CEO

THay/Bherman

Reviewed for legal form and content:



Sarah Beazley
Assistant County Attorney

**FEE ESTIMATE
AMENDMENT 7**

**Sykes Creek Regional WWTF Headworks Modifications
Engineering Services During Construction
Add Services**

Role	PRICED SERVICES							Labor Hours	Labor Cost	Expenses	Total Cost
	Principal	Sr. Contract Administrator	Senior Engineer (Mech/Civ)	Senior Engineer (Elec)	Project Engineer (Elec)	Field Representative	Constr. Assistant / Tech Comm				
	Rate										
	\$250.00	\$160.00	\$230.00	\$230.00	\$185.00	\$90.00	\$75.00				
Task Description	Hours										
Amend 7 Fee											
Equipment Startup and Training Observations (assume 3)			12	6			4	22	\$4,440	\$162	\$4,602
Substantial Completion Site Visit		8	8	8			1	25	\$5,035	\$137	\$5,172
Punch-list management		8	2	2			1	13	\$2,275		\$2,275
Final Completion Site Visit		6	4	4				14	\$2,800	\$67	\$2,867
Review As-Built Drawings prepared by Contractor		2	8	4			2	16	\$3,230		\$3,230
Prepare Record Drawings from Contractor As-Built, Red-Lines, and Vendor drawings		2	28	16			2	88	\$14,790	\$550	\$15,340
Record Drawing Review Meetings and Coordination, Respond to comments		2	8	4			2	28	\$4,490	\$161	\$4,651
Notification of Availability of Record Drawings and Final O&M - Form 62-620.910(13)		1	8				2	11	\$2,240		\$2,240
SUBTOTAL	1	28	78	44	0	0	14	217	\$39,300	\$1,101	\$40,401