

**AMENDMENT #1 TO
CONTRACT NO. 2019000156
BETWEEN CHARLOTTE COUNTY
AND
JONES EDMUNDS & ASSOCIATES, INC.
FOR
ENGINEERING, DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES -
EASTPORT WATER RECLAMATION FACILITY EXPANSION**

THIS AMENDMENT #1 to Contract No. 2019000156 is made by and between CHARLOTTE COUNTY, a political subdivision of the State of Florida, 18500 Murdock Circle, Port Charlotte, Florida 33948-1094 (hereinafter the "County") and JONES EDMUNDS & ASSOCIATES, INC., 730 N.E. Waldo Road, Gainesville, Florida 32641 (hereinafter the "Consultant").

WHEREAS, on October 15, 2019, the parties entered into Contract No. 2019000156 (the "Contract"), to provide professional services for the preliminary engineering, design and construction administration for the expansion of the East Port Water Reclamation Facility ("WRF") (the "Project"); and

WHEREAS, the County will be upgrading the East Port WRF to meet Advanced Wastewater Treatment ("AWT") standards to support the County's goal of improving water quality; and

WHEREAS, the County desires to add additional Project services associated with these AWT standards, at an additional cost to the County and an extension of the time for completion of the Project, and the Consultant desires to perform these additional tasks; and

WHEREAS, the Consultant has been providing, and is capable of continuing to provide, the necessary Project services.

NOW, THEREFORE, in consideration of the mutual terms and conditions, promises, covenants and payment hereinafter set forth, County and Consultant agree to amend the Contract as follows.

ARTICLE I
COMPENSATION / SERVICES

1.1. The following provisions of this Amendment, and the exhibit attached hereto, are specifically incorporated into and made a part of the Contract.

1.2. The Scope of Services for the Project is hereby amended as described in **Exhibit A, AWT Design**, attached hereto, and this Amendment, to include the addition of additional Project Services as set forth therein.

1.3. The Consultant shall provide the additional services described in the Scope of Services, **Exhibit A**, attached.

1.4. The County shall pay the Consultant for these services an amount not to exceed Four Hundred Sixty-Five Thousand Two Hundred Fifty-Three dollars and no cents (\$465,253.00) as described in **Exhibit A** attached, for these additional services.

1.5. The design schedule for completion of the Project Services is extended for a period of 6 months from the original completion date.

ARTICLE II
MISCELLANEOUS

2.1. The effective date of this Amendment is the date on which it is signed by both parties.

2.2. Any terms used in this Amendment shall have the same meanings and definitions as they have in the Contract.

2.3. All other provisions of the Contract not in conflict with this Amendment shall remain in full force and effect.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have affixed their signatures on the dates written below.

JONES EDMUNDS & ASSOCIATES, INC.

WITNESSES:

Signed By: *Linda Lyles*

Print Name: Linda Lyles

Date: December 20, 2021

Signed by: *[Signature]*

Print Name: Stanley F. Ferreira, Jr., PE

Title: President & CEO

Date: December 20, 2021

B. Corman 12/17/21

**BOARD OF COUNTY COMMISSIONERS OF
CHARLOTTE COUNTY, FLORIDA**

ATTEST:

Roger D. Eaton, Clerk of Circuit
Court and Ex-Officio Clerk to the
Board of County Commissioners

By: *Dawn Smolewski*
Deputy Clerk

By: *William G. Truex*
William G. Truex, Chairman

Date: *Dec. 17, 2021*



APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

By: *Janette S. Knowlton*
Janette S. Knowlton, County Attorney
LR21-0859 *[Signature]*

Exhibits:

Exhibit A – Scope of Services = AWT Design

October 28, 2021

Bruce R. Bullert, PE
Engineering Services Manager
Charlotte County Utilities
25550 Harbor View Road, Suite 1
Port Charlotte, FL 33980

RE: Contract Amendment Request for East Port WRF Expansion - AWT Design
Charlotte County Utilities Contract No. 2019000156
Jones Edmunds Project No.: 03405-012-09

Dear Mr. Bullert,

On October 12th, the BCC voted in favor of upgrading the East Port WRF to meet Advanced Wastewater Treatment (AWT) standards to support the County's goal of improving water quality. The purpose of this letter is to request authorization to amend Contract No. 2019000156 to include an additional lump sum amount of \$465,253 and anticipated design schedule of six months to complete new design documents (calculations, drawings, and specifications) required to upgrade the East Port WRF to meet AWT effluent standards (e.g., biochemical oxygen demand (BOD) limit = 5 milligrams per liter (mg/L), total suspended solids (TSS) = 5 mg/L, total nitrogen (TN) = 3 mg/L, total phosphorus (TP) = 1 mg/L, and high-level disinfection).

There are multiple ways to meet the effluent water quality objectives of the County, Jones Edmunds' estimate is based on an understanding that the County's desired additional treatment processes will include anoxic and reaeration processes and related equipment at the north end of the East Port WRF where the original WWTP was located as specified at the BCC meeting and previous workshops.

The additional components that will be designed to meet the effluent water quality objectives at the East Port WRF include large diameter process conveyance piping and air conveyance piping; chemical feed (carbon and ferric sulfate) facilities to enhance nutrient removal; 2nd anoxic basins with submersible mixers; reaeration basins with coarse bubble diffusers; a new blower station to supply air to the diffusers; centralized dewatering facility and covered truck loading facility for solids handling; site, drainage, and yard piping improvements required for the expansion; structural design for the AWT process; and associated electrical, I&C, and SCADA for the new AWT equipment.

This change order request includes the following steps to achieve the goal of bid ready AWT Construction Documents for the East Port WRF.

- Coordinate meetings to discuss old WWTP demolition, including schedule, removal of structures, and backfill and compaction recommendations.
- Obtain up to eight standard penetration tests (SPTs) at the site of the AWT process tanks and geotechnical report following the old WWTP demolition.
- Obtain up to 20 additional locates for subsurface utilities evaluation (SUE) to locate underground utilities (piping, valves, electrical, I&C duct banks, etc.) for the AWT process.
- Develop and document meeting agendas and minutes for up to 5 progress meetings with CCU staff.
- Update the preliminary engineering report (PER) with AWT process components to submit with a FDEP permit modification.
- Develop specifications for the additional equipment (e.g., chemical feed systems, dewatering equipment, mixers, blowers, and diffusers).

- Prepare 60 percent design plans, specifications, and an Engineers Opinion of Probable Construction Costs (EOPCC) for the additional unit operations required for AWT (process, civil, mechanical, electrical, structural and I&C).
- Prepare 100 percent design plans, specifications, and an EOPCC for the additional unit operations required for AWT (process, civil, mechanical, electrical, structural and I&C).
- Prepare the bid set design plans, specifications, and a Final EOPCC for the additional unit operations required for AWT (process, civil, mechanical, electrical, structural and I&C).
- Coordinate, Manage, and provide QA/QC of Geotechnical, Structural, and Electrical Subconsultants.
- Develop BCC meeting materials including up to two revisions of the materials.

The schedule final design schedule will be dictated by the schedule the demolition of the original WWTP since the footprint will be used for the new 2nd anoxic and reaeration basins and new soil borings will be required to finalize structure design. Jones Edmunds estimates two months are required to perform SPTs, conduct SUE, and update the PER and an additional four months to complete the 60 percent, 100 percent, and Bid Set design submittals. Therefore, the total design time anticipated is six months contingent on the demolition of the original WWTP and subcontractor access to complete the field data collection.

Assumptions and Exclusions

- For purposes of the design and change order, it is assumed the new basins associated with the 2nd anoxic and reaeration process will be constructed onsite in place of the original WWTP.
- Additional survey is not included as it is assumed the final survey record drawings produced by the Contractor from the original WWTF plant demolition and soil replacement contract will be available for the design.
- Additional permitting support for an FDEP WRF modification or environmental resource permit is excluded from this effort.

Thank you for your consideration.
Sincerely,



David Yonge, PhD, PE
Project Manager



Brian Icerman, PE, ENV SP
Managing Director / Senior Vice President

XC: Thomas W. Friedrich and Jeff Crowley, Jones Edmunds
Ken Stecher, Charlotte County