

## TASK ORDER TO THE AGREEMENT

In accordance with the Agreement, approved by the Board of County Commissioners on September 16, 2025 (the "Agreement") for work within the scope of Solicitation 25Q-106-TO-01 Design Services for Marion Oaks WTP No. 4 and Summerglenn WTP New Well & Surface Facilities, this Task Order to the Agreement (this "Amendment") is made and entered into between Tillman & Associates Engineering, LLC. whose address 1720 SE 16th Ave Bldg 100, Ocala, FL 34471, and possessing FEIN# 20-3832004 ("FIRM") and Marion County, a political subdivision of the State of Florida, 601 SE 25th Avenue, Ocala, FL, 34471 ("COUNTY").

### WITNESSETH

WHEREAS the parties wish to amend the Agreement as set forth below; and;

IN CONSIDERATION of the mutual covenants and conditions contained herein, the parties do hereby agree as follows:

1. This Amendment shall be deemed to amend and become a part of the Agreement in accordance with the original Solicitation and Agreement under 25Q-106.
2. FIRM's services and performance will be in accordance with Exhibit A - Scope of Service and Fee Schedule hereto. The total cost for the Project will not exceed Five Hundred Fourteen Thousand Nine Hundred Forty-Eight Dollars and 80/100 (\$514,948.80). All Work shall proceed in a timely manner without delays. **TIME IS OF THE ESSENCE.** All limitations of time set forth in the Contract Documents are of the essence of this Contractor. The Work may be presumed abandoned after ninety (90) days if CONTRACTOR terminates the Work without just cause or without proper notification to COUNTY, including the reason for termination, or fails to perform Work without just cause for ninety (90) consecutive days.

[THIS SPACE INTENTIONALLY BLANK SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF the parties have entered into this Amendment, as approved by the Marion County Board of County Commissioners, on the date of the last signature below.

ATTEST:

**MARION COUNTY, A POLITICAL SUB-DIVISION OF THE STATE OF FLORIDA**

\_\_\_\_\_  
GREGORY C. HARRELL, DATE  
MARION COUNTY CLERK OF COURT

\_\_\_\_\_  
CARL ZALAK III DATE  
CHAIRMAN

**FOR USE AND RELIANCE OF MARION  
COUNTY ONLY, APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY**

**BCC APPROVED:** November 18, 2025  
25Q-106-TO-01 Design Services for Marion Oaks  
WTP No. 4 and Summer Glen WTP New Well &  
Surface Facilities

\_\_\_\_\_  
MATTHEW G. MINTER, DATE  
MARION COUNTY ATTORNEY

WITNESS:

**Tillman & Associates Engineering, LLC.**

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
BY: DATE

\_\_\_\_\_  
PRINTED NAME

\_\_\_\_\_  
PRINTED:

WITNESS:

\_\_\_\_\_  
ITS: (TITLE)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINTED NAME

# Exhibit A - Scope of Service and Fee Schedule

*Tillman & Associates*  
ENGINEERING, LLC.

**Marion County Utilities Department  
Marion Oaks WTP No. 4 & Summer Glen  
WTP New Well and Surface Facilities**

**Civil Engineering Services  
Marion County, Florida**

**Marion County Utilities Department  
11800 South U.S. 441  
Bellevue, Florida 34420  
(352) 307-6169**

[www.tillmaneng.com](http://www.tillmaneng.com)

**PROPOSAL**

25-0115

V 2025

# *Tillman & Associates*

ENGINEERING, LLC.

October 16<sup>th</sup>, 2025

Marion County Utilities Department  
11800 South US 441  
Belleview, FL 34420

RE: Marion Oaks WTP #4 & Summer Glen WTP Upgrades  
Proposal for Civil Engineering Services

Dear MCUD,

We appreciate the opportunity to be considered for your exciting new project. At Tillman and Associates, we take pride in our multi-disciplinary approach, offering a comprehensive range of services that include Civil Engineering, Landscape, Architecture, Environmental Engineering, Geographical Information Systems (GIS), and Construction Engineering.

Our commitment to excellence extends beyond our individual disciplines. It is our belief that combining these areas of expertise under one roof fosters better collaboration and ensures our clients receive the most comprehensive consulting services available. With a proven track record of success and a team that thrives under pressure, we are confident in our ability to bring your project's vision to life.

Throughout our history, we have demonstrated our dedication to meeting tight scheduling requirements and effectively addressing unforeseen challenges that demand immediate responses. Our adaptability and problem-solving skills have been crucial in achieving project success.

We firmly believe that our team is uniquely qualified to assist your company in achieving its goals for this project. We are enthusiastic about the opportunity to contribute our expertise and look forward to the possibility of working together.

Thank you once again for considering Tillman and Associates. Please feel free to reach out to discuss this project further or if you have any questions.

Sincerely,



CC: Masterfile w/ enclosures  
Client w/ enclosures

## CONTRACT

**Tillman & Associates Engineering, LLC** hereafter referred to as **CONSULTANT** is pleased to provide the following Agreement for Professional Engineering Services for the proposed Marion Oaks Water Treatment Plant WTP #4 & Summerghlen WTP Upgrades project in Marion County, Florida.

### SCOPE OF WORK:

It is understood in this Agreement that the initial development of the site will be engineered as two sets of construction plans consisting of one phase for each. The services are more fully described in the following sections of this agreement.

### TASK I – PROJECT COORDINATION

Included in this task are the following:

1. One (1) Kick-off Meeting for Marion Oaks WTP #4
2. One (1) Kick-off Meeting for Summerghlen WTP Upgrades
3. One (1) Site Visit for Marion Oaks WTP #4
4. One (1) Site Visit for Summerghlen WTP Upgrades
5. Four (4) Progress Meetings with project team for project review and coordination of Marion Oaks WTP #4
6. Four (4) Progress Meetings with project team for project review and coordination of Summerghlen WTP Upgrades
7. Administrative services as necessary to coordinate all aspects of the Marion Oaks WTP 1 project through the planning, design, and permitting phase. These services shall include project scheduling with all regulatory agencies and notification to public utility companies during the design and permitting phase of the project.
8. Administrative services as necessary to coordinate all aspects of the Summerghlen WTP Upgrades project through the planning, design, and permitting phase. These services shall include project scheduling with all regulatory agencies and notification to public utility companies during the design and permitting phase of the project.

**Fee: \$19,890.00**

## TASK II – WELL & SURFACE FACILITY DESIGN

Services to include:

1. Execution of JEA proposal dated 10/15/2025.
2. Please refer to JEA proposal for anticipated schedule.

**Fee: \$485,158.80**

## TASK III – ENVIRONMENTAL SERVICES

Services to include:

1. Execution of Modica proposals dated 8/11/2025.

**Fee: \$9,900.00**

## TASK SUMMARY

|                                      |                     |
|--------------------------------------|---------------------|
| Task I                               | \$19,890.00         |
| Task II                              | \$485,158.80        |
| Task III                             | \$9,900.00          |
| <b>Total Design &amp; Permitting</b> | <b>\$514,948.80</b> |

## EXCLUSIONS

The tasks listed within the above proposal do not include the following items:

- NPDES Permitting (by Contractor)
- Marion County Right-of-Way Utilization Permitting (by County)
- Construction Staking
- MOT Plans
- As-Built Field Surveys for Contractor and/or Lending Institutions
- Application Fees

**PROFESSIONAL SERVICES HOURLY RATE SCHEDULE**

|                                            |                |
|--------------------------------------------|----------------|
| Principal Engineer                         | \$200.00 /hour |
| Sr. Professional Engineer                  | \$185.00 /hour |
| Sr. Project Engineer                       | \$185.00 /hour |
| Project Manager (Registered)               | \$165.00/hour  |
| Staff Architect                            | \$150.00/hour  |
| Project Engineer (Registered)/Engineer III | \$140.00 /hour |
| Staff Environmental Engineer               | \$120.00 /hour |
| Engineer Scientist/ Engineer II            | \$115.00/hour  |
| Staff Construction Engineer                | \$115.00/hour  |
| Engineer Intern/Engineer I                 | \$95.00/hour   |
| Landscape Architect                        | \$95.00/hour   |
| Principal (Sr.) CADD Designer              | \$95.00/hour   |
| Sr. Inspector                              | \$85.00/hour   |
| CADD Designer                              | \$85.00/hour   |
| CADD Tech./GIS Specialist                  | \$70.00/hour   |
| Inspector                                  | \$65.00/hour   |
| Field Services Technician                  | \$45.00/hour   |
| Clerical                                   | \$45.00/hour   |
| Permit Coordinator                         | \$40.00/hour   |

## TERMS AND CONDITIONS

### A. TERMINATION:

The agreement may be terminated by cause, for either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party. Failure to pay Tillman & Associates Engineer, LLC for its services is a substantial failure to perform and a basis for termination.

### B. OWNERSHIP OF DOCUMENTS:

All original drawings, computations, details, design calculations, and electronic media that result from Tillman & Associates Engineering, LLC., services are the property of Tillman & Associates Engineering, LLC. So long as Client complies with all terms of this agreement, Tillman & Associates Engineering, LLC grants Client a non-exclusive license to use instruments of professional service for the purpose of constructing, occupying, and maintaining the project. Upon payment in full for services completed, Client may at his or her expense, obtain copies of any documents or reproducible copies of drawings. In doing so, Client agrees that no additions, deletions, changes, or revisions shall be made to same without the express written approval of Tillman & Associates Engineering, LLC.

### C. ADDITIONAL SERVICES:

Tillman & Associates Engineering, LLC., will be compensated for additional services, such as:

1. Any changes made outside the scope of services defined in this contract at the Client's request.
2. Revisions caused by changes of governmental requirements after the date of this agreement.
3. Redesign per client after preliminary design has been submitted to the approving agency.

### D. OUT-OF-POCKET EXPENSES:

In addition to the fee schedule and any applicable additional services fees, Tillman & Associates Engineering, LLC., shall be reimbursed for invoiced out-of-pocket expenses which include, but are not limited to: Subconsultant markup fees, application fees, blueprints, copies, plots, aerials, express deliveries, specialized postage, and travel outside of the Central Florida area.

### E. PERMIT ACQUISITION:

Tillman & Associates Engineering, LLC., cannot guarantee the acquisition of all permits and/or approvals. However, we will do everything possible to achieve this goal. The Client is responsible for payment of all fees due to Tillman & Associates Engineering, LLC., regardless of agency and/or governmental actions.

**F. ACCEPTANCE:**

Our company mindset is to take each project on as if it were our own. Our own finances, property, and time being leveraged to deliver a successful project. With this mindset, we both continuously develop and maintain long-term relationships with our clients. Thank you for your time and consideration. We look forward to working with you and your company.

Thank you for your time and consideration. We look forward to working with you and your company.

APPROVED AND ACCEPTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 2025.

BY \_\_\_\_\_

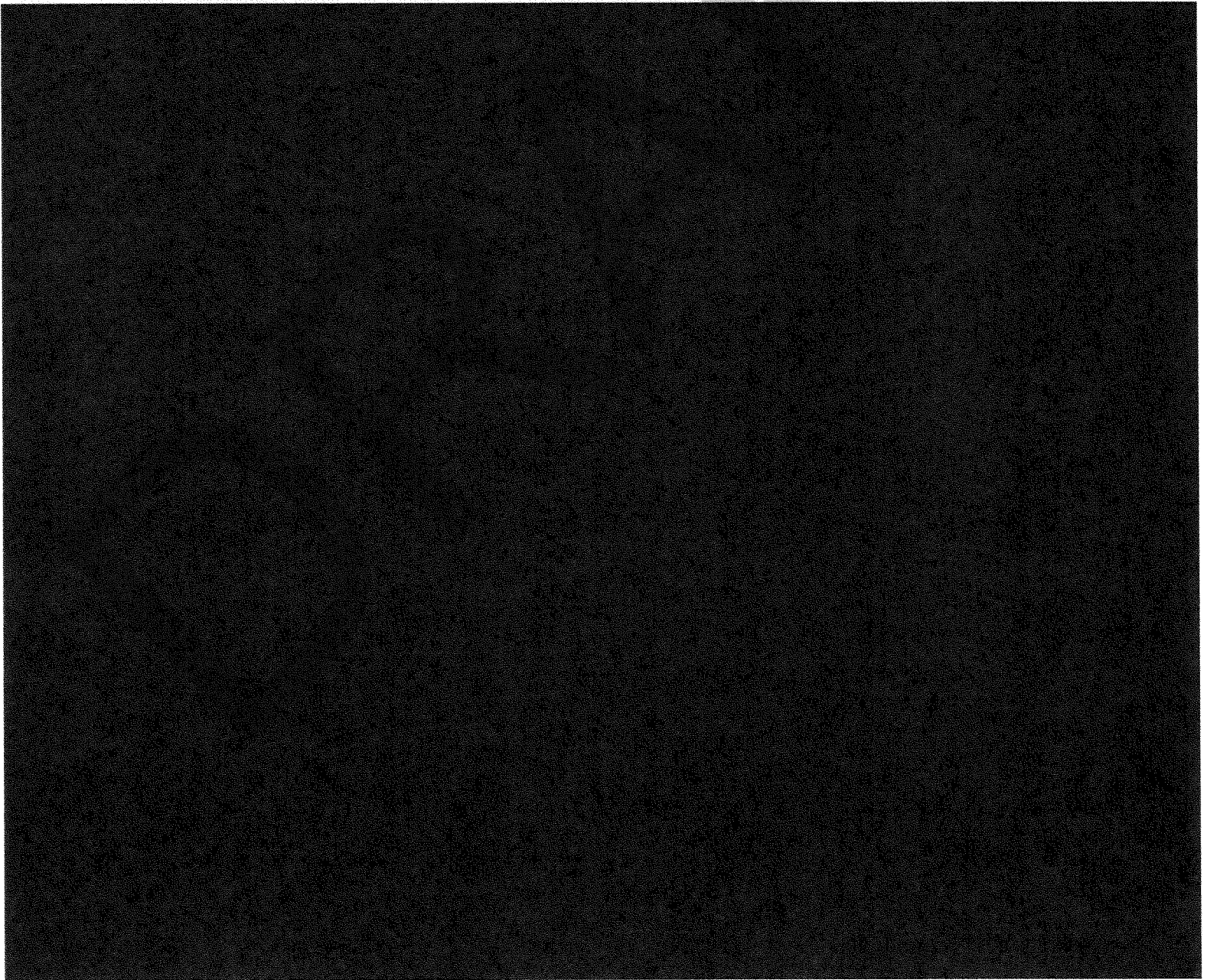
TITLE \_\_\_\_\_

BY \_\_\_\_\_

**Jeffrey McPherson, P.E.**

Tillman & Associates Engineering, LLC.

*Tillman & Associates*  
— ENGINEERING, LLC. —



Project: Marion County Utilities Department - Marion Oaks WTP #4 & Summer Glen Well & Surface Facilities

Date: 10/16/2025

| Task          | Description          | Man-hour Estimate  |                      |                       |                |                     |                    |                         |               |                |            | Expenses | Estimated Fee |
|---------------|----------------------|--------------------|----------------------|-----------------------|----------------|---------------------|--------------------|-------------------------|---------------|----------------|------------|----------|---------------|
|               |                      | Principal Engineer | Sr. Project Engineer | Project Engineer (PE) | Staff Engineer | Landscape Architect | Engineer Scientist | Principal CADD Designer | CADD Designer | GIS Specialist | Clerical   |          |               |
|               |                      | \$200.00/hr        | \$185.00/hr          | \$140.00/hr           | \$115.00/hr    | \$95.00/hr          | \$115.00/hr        | \$95.00/hr              | \$85.00/hr    | \$70.00/hr     | \$45.00/hr |          |               |
| I             | Project Coordination | 38                 | 0                    | 0                     | 74             | 0                   | 0                  | 0                       | 0             | 0              | 84         | \$ -     | \$ 19,890.00  |
|               | Subtotal             | 38                 | 0                    | 0                     | 74             | 0                   | 0                  | 0                       | 0             | 0              | 84         | \$ -     | \$ 19,890.00  |
| II            | WTP Design           |                    |                      |                       |                |                     |                    |                         |               |                |            | \$ -     | \$485,158.80  |
| III           | Environmental        |                    |                      |                       |                |                     |                    |                         |               |                |            | \$ -     | \$9,900.00    |
| Project Total |                      | 38                 | 0                    | 0                     | 74             | 0                   | 0                  | 0                       | 0             | 0              | 84         | 0        | \$ 514,948.80 |

**SUB-CONTRACTOR COSTS**

|                     |              |              |             |     |
|---------------------|--------------|--------------|-------------|-----|
| WTP Design          | \$462,056.00 | \$485,158.80 | \$23,102.80 | 5%  |
| Environmental       | \$9,000.00   | \$9,900.00   | \$900.00    | 10% |
| SUBCONTRACTOR COSTS | \$471,056.00 | \$495,058.80 | \$24,002.80 |     |

October 15, 2025

Jeff McPherson, PE  
Tillman & Associates Engineering, LLC  
1720 SE 16th Avenue, Building 100  
Ocala, FL 34471

RE: Proposal for Professional Engineering Services  
Marion Oaks WTP #4 and Summer Glen WTP Upgrades  
Potable Water Well Replacements, Backup Wells, and Surface Facilities  
Jones Edmunds Opportunity No. 95883-176-25

Dear Mr. McPherson:

Jones Edmunds is pleased to provide Tillman & Associates with this proposal for design and permitting four new 12-inch casing diameter potable water wells and surface facilities at the Marion Oaks Water Treatment Plant (WTP) #4 and Summer Glen WTP which are owned and operated by Marion County Utilities (MCU). Two new wells will be installed at each facility.

## PROJECT BACKGROUND

### MARION OAKS WTP #4

The Marion Oaks WTP #4 currently has two public supply potable water wells, Well Nos. MO4 and MO4B, with the following capacities under Southwest Florida Water Management District (SWFWMD) Water Use Permit No. 20 006151.014:

| Well No. | Well Diameter (in) | Well Depth/Casing Depth (ft/ft) | Permit Average Flow (gpd) | Permit Peak Month (gpd)   |
|----------|--------------------|---------------------------------|---------------------------|---------------------------|
| MO4      | 10                 | 221/157                         | Inoperable – Pump Removed | Inoperable – Pump Removed |
| MO4B     | 12                 | 239/160                         | 724,200                   | 876,300                   |

Well No. MO4 was installed as part of the original WTP construction and historically experienced capacity and water quality issues and is no longer in operation. Well No. MO4B was placed into service in 2020 when WTP #4 underwent modifications including new facilities as follows:

- Well No. MO4B.
- Sodium hypochlorite storage and feed system.
- Replacement of the high-service pump station.
- Raw and finished water yard piping.
- Precast-concrete electrical building.
- Instrumentation and controls.

MCU has requested a Scope of Services for designing two new wells including a replacement well for MO4 and a backup well, which includes the following tasks:

- Design the potable replacement well and backup well and submit a letter modification request for the SWFWMD Water Use Permit (WUP).
- Prepare bid documents and technical specifications for both wells.
- Provide well bidding and construction services.
- Design the well pumps, piping and appurtenances, and chemical feed facilities to connect to the existing ground storage tank influent piping.
- Evaluate capacity of existing 425 kW generator with the new wells and equipment.
- Design of electrical and instrumentation required to support the mechanical equipment.
- Provide bidding documents for the surface facilities including requirements for plugging and abandoning Well No. MO4 and demolishing the well building.
- Prepare a Florida Department of Environmental Protection (FDEP) Permit Application for a Specific Permit to Construct PWS Components.

#### SUMMERGLEN WTP

The Summerglen WTP currently has one inoperable (SG1) and one operating (SG2) public supply potable water wells with the following capacities under Southwest Florida Water Management District (SWFWMD) Water Use Permit No. 20 006151.014:

| Well No. | Well Diameter (in) | Well Depth/Casing Depth (ft/ft) | Permit Average Flow (gpd)        | Permit Peak Month (gpd)          |
|----------|--------------------|---------------------------------|----------------------------------|----------------------------------|
| SG1      | 8                  | 270/127                         | Inoperable - Removed from Permit | Inoperable - Removed from Permit |
| SG2      | 8                  | 270/127                         | 75,500                           | 91,400                           |

Both wells have historically had water quality issues related to sulfur. MCU has requested a Scope of Services for designing two new wells including a replacement well for SG1 and a second well that will serve as either a backup well or a replacement well for SG2, depending on the water quality of the new wells. The Scope includes the following tasks:

- Design the potable replacement well and backup (or replacement) well and submit a letter modification request for the SWFWMD Water Use Permit (WUP).
- Prepare bid documents and technical specifications for both wells.
- Provide well bidding and construction services.
- Design the well pumps, piping and appurtenances, and chemical feed facilities to connect to the existing ground storage tank influent piping. This task includes preparation of a hydraulic model for sizing the well pumps.
- Design of electrical and instrumentation required to support the mechanical equipment.
- Evaluate existing generator capacity with electrical loads of the two new wells.
- Provide bidding documents for the surface facilities including requirements for plugging and abandoning Well No. SG1 and possibly SG2 depending on capacity and water quality of the two new wells.

- Prepare a Florida Department of Environmental Protection (FDEP) Permit Application for a Specific Permit to Construct PWS Components.

The detailed Scope of Services for both WTPs is presented below.

## SCOPE OF SERVICES

The expected tasks to be completed under this Scope of Services are described below.

### TASK 1 – PROJECT MANAGEMENT AND MEETINGS/COORDINATION

#### PROJECT INITIATION AND MANAGEMENT

Project management throughout the duration of this project is included in this task. Also included is coordinating and attending an on-site kickoff meeting at the WTPs with Tillman and MCU. During the kickoff meeting, the existing facilities will be toured, and the following will be discussed:

- Key issues and the County's objectives and expectations related to the project.
- Data requests.
- Project schedule.
- Deliverables.
- Surface facilities including electrical and controls.
- Proposed well locations.

**Deliverables:** Kickoff meeting agenda and minutes.

### TASK 2 – WELL SPECIFICATIONS AND CONSTRUCTION

For each WTP, Jones Edmunds will prepare a letter modification request for submittal to SWFWMD by MCU including site maps showing the proposed well locations and distances to setbacks listed in Rules 62-532 and 62-555, FAC.

A single bid package will be prepared for drilling the wells at both WTPs. Jones Edmunds will use our standard Construction Standards Institute (CSI) 16-division-format technical specifications (Divisions 1 through 16) for constructing four 16-inch-diameter wells that are expected to have approximate steel well casing depths and total depths in the range presented below:

| WTP            | New Well No. | Well Diameter (in) | Well Casing Depth (ft) | Total Well Depth (ft) |
|----------------|--------------|--------------------|------------------------|-----------------------|
| Marion Oaks #4 | MO7          | 16                 | 125 – 175              | 225 - 275             |
|                | MO8          | 16                 | 125 – 175              | 225 - 275             |
| Summerglen     | SG4          | 16                 | 100 – 150              | 200 – 275             |
|                | SG5          | 16                 | 100 - 150              | 200 - 275             |

The County will provide bidding and construction Contract Documents (Front Ends/Division 0) for the project. We will review and provide comments on the County's standard bidding

and construction Contract Documents. The technical specifications will include the following sections:

- Bid Form.
- Measurement and Payment.
- Water Supply Well Construction – will include all requirements of the Well Driller including estimates of total well depth, well casing depth, well capacity, surface casing depth, water quality sampling and testing requirements, aquifer performance testing requirements, and disinfection and final bacteriological clearance sampling requirements.
- Geophysical Logging.

The selected Well Driller will be required to do the following:

- Obtain the well construction permits from SWFWMD.
- Construct the wells in accordance with the Contract Documents and Specifications.
- Perform water quality testing during drilling.
- Perform geophysical logging.
- Develop the wells and perform step-drawdown tests.
- Perform well disinfection and final bacteriological clearance sampling.
- Develop an approved plan for discharging groundwater that is pumped during testing.
- Plug Well No. MO4.
- Submit the State of Florida well completion reports (Form LEG-R.005.02).
- Perform final water quality testing.

#### SERVICES DURING BIDDING AND WELL CONSTRUCTION

After completing the well specifications, Jones Edmunds will provide bidding assistance for an early public solicitation package, construction administration, and limited observation services during construction of the wells. The services described below are based on a 2-month bid phase and 12-month construction schedule. Jones Edmunds will retain Liquid Solutions Group to assist with the following services (see attached scope of work):

- Attend one pre-bid meeting.
- Receive, log, review, and respond to Requests for Information (RFIs).
- Tabulate and evaluate the bids.
- Prepare responses for addenda to address questions regarding well construction.
- Attend an on-site pre-construction meeting with the bidder awarded the contract to discuss the contract requirements, lines of communication, and schedule.
- Review up to eight submittals by the Contractor.
- Review up to 12 pay applications.
- Provide part-time resident observation services during construction and testing of the new wells. We have included a limited amount of these services that will be required during drilling and testing activities during well construction. A Resident Observer represented by Jones Edmunds will not be on site during activities such as pilot hole reaming, dredging, or Contractor down time. For each WTP, site visits and meetings are included for the following:

- Two site visits to confirm casing lengths and confirm heat stamps match submittal documents.
- Six site visits to collect lithology data and observe/log drill cuttings.
- Two site visits to observe geophysical logging.
- Up to two online meetings to discuss and propose final casing depths based on geophysical logging and other information provided by the drilling Contractor regarding conditions observed during drilling.
- Eight site visits to observe cement grouting of final well casings including two visits per well for the bottom 5 feet and two visits per well for the upper 20 feet.
- Four site visits to observe well development, collect Rossum sand test readings, and assist the Contractor with setting up data loggers for step-drawdown testing.
- Two site visits to observe step-drawdown and final water quality sampling of the wells.
- Four site visits for final video and well alignment testing.
- Respond to Contractor requests for information/potential change orders, field orders, and other administrative items to assist the drilling Contractor in completing the contracted drilling and testing activities.
- Compile the information obtained during drilling and prepare the Well Completion Reports expected as a requirement for the County's water use permit (WUP).

**Deliverables:**

- Electronic (pdf) draft and final copies of the WUP letter modification request.
- Electronic (pdf) draft and final copies of the Technical Specification package.
- Electronic copies of daily logs for each site visit.
- Electronic (pdf) draft and final copies of the Well Completion Report.

**Key Assumptions:**

- The County will provide bidding and construction Contract Documents (Front Ends/Division 0) for the project.
- The WUP modification is limited to a request detailing the proposed location and well construction details. Changes in permit allocation, groundwater modeling, and/or other environmental analyses are not included.
- If average construction exceeds 3 months for each well or additional site visits are required, a contract amendment may be required.
- Water quality sampling and equipment will be provided by the drilling contractor.
- QC for this task will be performed by ASRus, LLC, for a time-and-materials, not-to-exceed fee of \$21,000 (\$5,250/well).
- If a well must be abandoned or re-drilled for any reason, additional oversight and site visits are outside the scope of services, and a contract amendment may be required.
- During a site visit to Marion Oaks WTP on 11/21/24, three potential well locations were identified. The exact locations of the two new wells will be determined during the on-site pre-construction meeting with the selected drilling contractor.

### **TASK 3 – SURFACE FACILITIES DESIGN (90% AND FINAL DESIGN)**

Jones Edmunds will prepare separate Contract Documents (plans and specifications) for each WTP for the construction of the potable water surface facilities. The Marion County standard front-end documents will be used along with Jones Edmunds' Technical Specifications and Drawings. The Contract Documents will be prepared to obtain competitive bids from multiple contractors. In general, the following items encompass the work for the surface facilities:

#### **MARION OAKS WTP #4 AND SUMMERGLEN WTP**

- Vertical turbine well pump selection (Peerless Pump Company design basis) including hydraulic modeling.
- Wellhead assemblies located outside and within the WTP property.
- Plant water service lines.
- Concrete wellhead bases and slabs.
- Pump and discharge piping including an air/vacuum valve assembly, check valve, flow meter, pressure gauges, isolation valve, and associated appurtenances.
- Chemical injection system and housing on the well discharge piping.
- Yard piping, valving, and connection to the existing GST influent piping.
- Electrical equipment, instrumentation, and controls for the facilities. An alternate will be included in the design for housing the electrical equipment for each well in a prefabricated building.
- Proper abandonment of MO4, SG1, and possibly SG2.
- At Marion Oaks WTP, demolition of MO4 facilities including well building and slab, old generator, hydropneumatic tank, yard piping as needed, and fencing as needed.
- The existing generators at both facilities will be evaluated to determine if they can handle the additional electrical loads of the new well pumps.

Design drawings will consist of general, civil, structural, mechanical, electrical, and instrumentation and controls and will use the Project Team's presentation standards. Any information regarding plumbing, or other related disciplines will be included in the mechanical drawings.

#### **90% DESIGN SUBMITTAL**

The 90% Design Submittal Packages will be submitted to Tillman and the County for review and comment and will include the following for each WTP:

- Drawings showing locations of equipment, piping, size and material of piping, locations of valves, and elevations and sections. The 90% drawings are expected to include the following:
  - Well pumps and piping – Includes dimensions, references to details, and additional details needed to depict the required construction.
  - Two detail sheets with general and specific details.
  - Electrical drawings.
  - Technical Specifications for all construction.

For each WTP, a preliminary list of construction plans sheets to be prepared by Jones Edmunds is provided below:

- General Sheets
  - Cover Sheet
  - General Notes
  - Abbreviations
  - Legends and Pipe Schedule
  - Existing Site Plan
- Civil Sheets
  - Site and Grading Plan
  - Demolition Plan
  - Erosion Control
  - Civil Details
- Mechanical Sheets
  - Yard Piping Plan
  - Well Pump and Piping Plan
  - Well Pump and Piping Cross Section
  - Hypochlorite System Piping
  - Mechanical Details Sheets
- Structural Sheets
  - Structural Notes
  - Well Head Design
  - Well Slab Plan and Profile
  - Structural Details
- Electrical and Instrumentation Sheets (Jones Edmunds)
  - Electrical Legend and Notes
  - Electrical Site Plan
  - Typical Well Electrical Plan
  - Electrical One-Line Diagrams
  - Control Wiring Diagrams
  - Electrical Building Power and Lighting Plan
  - Schedules
  - HVAC Electrical for Mini-Split System
  - Electrical Details
  - Instrumentation Legend and Notes
  - Instrumentation Diagrams

Jones Edmunds will use MCU standard details and specifications where possible and develop detailed specifications when not covered by the County's standards. Jones Edmunds will coordinate with the County's SCADA integrator (Data Flow Systems) on the process, instrumentation, and controls including determining cabinet requirements.

Jones Edmunds will use our standard CSI 16-division-format technical specifications for this project including Divisions 1 through 16. The County will provide bidding and construction Contract Documents (Front Ends/Division 0) for the project. We will review and provide comments on the County's standard bidding and construction Contract Documents.

We have assumed that Tillman and the County will need 2 weeks to review the submittal package. Selected members of the project team will participate in a review meeting to discuss and obtain comments. Document changes agreed to at the meeting will be incorporated into the next project phase. Comments that are not resolved at the meeting will be subsequently resolved by the County's Project Manager and Project Team's Project Manager.

**Deliverables:** The Jones Edmunds Project Team will provide an electronic copy of the items indicated above in a PDF including an Opinion of Probable Construction Cost (OPCC). The Project Team will distribute electronic copies of the design review meeting minutes to meeting attendees by e-mail. The meeting minutes will include responses and dispositions to the County's comments.

#### FINAL DESIGN SUBMITTAL

The Final Design Submittal Packages will be submitted to Tillman and the County for advertising and bidding and will include the following:

- Final Design Drawings and details for all disciplines.
- Final Contract and Bidding Documents and Technical Specifications.
- The Jones Edmunds Project Team will also respond to the County regarding questions for one addendum during the bidding phase.

**Deliverables:** The Jones Edmunds Project Team will provide an electronic copy of the items indicated above in PDF.

#### TASK 4 – PERMITTING ASSISTANCE

Jones Edmunds will provide the following permitting services for each WTP:

##### FDEP PERMITTING

- Prepare the pertinent sections of FDEP Form 62-555.900(1), Application for a Specific Permit to Construct PWS Components including a Preliminary Design Report (PDR) meeting the requirements of 62-555.520(4)(a), FAC.
- Prepare final capacity analysis/rerate calculations and summarize in the PDR.
- Submit a draft FDEP application form to Tillman and the County for review, approval, and signatures before submittal to FDEP.
- Respond to one RAI from FDEP.

##### SWFWMD PERMITTING

Prepare a letter modification request for a replacement and/or backup well.

## TASK 5 – PRE-CONSTRUCTION SERVICES FOR SURFACE FACILITIES

For each WTP, Jones Edmunds will assist the County during a proposed 60-day bidding and award process for the project as follows:

- Provide electronic Bid Documents in PDF to the County. The County will advertise the project.
- Assist the County with one addendum to the Contract Documents. Verbal and written questions from prospective bidders will be directed to the County. The County and Jones Edmunds will decide if issuing an addendum is required. Jones Edmunds will prepare responses to the bidders' questions to the County and prepare the addenda and distribute copies of the addenda to the prospective bidders.
- Attend one pre-bid meeting with prospective bidders and develop/issue any subsequent minutes or addenda associated with the pre-bid meeting.
- Review the bidders' cost proposals, prepare proposal tabulation, conduct a history check of the apparent low bidder, and develop a contract award recommendation letter.

## SCHEDULE

Jones Edmunds will begin work on this project upon receipt of a purchase order and Notice to Proceed (NTP) from the County. The schedule for this project will be based on a mutual agreement between the County and Jones Edmunds. The project tasks are estimated to be completed based on the following preliminary schedule:

| Task                                             | Calendar Days to Complete | Calendar Days from NTP |
|--------------------------------------------------|---------------------------|------------------------|
| 1 – Kickoff Meeting/Site Visit                   | 30                        | 30                     |
| 2 – Well Specifications                          | 30                        | 60                     |
| 2 – Bidding Assistance                           | 60                        | 120                    |
| 2 – Well Construction Services                   | 360                       | 480                    |
| 3 – Surface Facilities Design                    | 180                       | 300                    |
| 4 – Permitting Assistance                        | 60                        | 360                    |
| 5 – Pre-Construction Svs. for Surface Facilities | 60                        | 480 <sup>1</sup>       |

<sup>1</sup> If the surface facilities are bid as separate projects, advertising the first project can occur after the first two wells are constructed.

## EXCLUSIONS AND CONDITIONS

The following items are exclusions to, or conditions of this Scope of Services in addition to any listed above:

- A new topographic and boundary survey is not required for Marion Oaks. The survey from the previous project will be used during the design phase.
- The new wells will not be installed in a building.
- All permit application fees will be paid by MCU.

- New generators are not required. The new wells will have provisions to run from a County-owned generator. Additional fee may be needed if any of the WTP generators need to be replaced to accommodate the new wells.
- An Environmental Assessment for Wetlands and Endangered Species will be performed by others if required.
- Besides basic plantings and grassing, detailed landscape plans are excluded from this Scope of Services.
- Permitting the plugging and abandoning Well No. MO4 will be performed by a certified Well Driller hired by the Contractor for the surface facilities construction.
- A separate scope of work for the construction-phase services for the surface facilities will be submitted later, towards the end of the surface facilities design phase.

## COMPENSATION

Jones Edmunds proposes to perform the Scope of Services as described herein for a combined lump-sum (LS) and Time-and-Materials (T&M) fee of \$462,056. A task breakdown of the fee estimate is as follows:

| Item                                                           | Fee              |
|----------------------------------------------------------------|------------------|
| Task 1 – Project Management and Kickoff Meeting (LS)           | \$37,958         |
| Task 2 – Well Specifications and Construction (LS)             | \$15,030         |
| Task 2 – Well Specifications and Construction (T&M)            | \$185,513        |
| Task 2 – Well Specifications and Construction QC (T&M)         | \$21,000         |
| Task 3 – Surface Facilities Design (LS)                        | \$167,745        |
| Task 4 – Permitting Assistance (LS)                            | \$25,410         |
| Task 5 – Pre-Construction Services For Surface Facilities (LS) | \$9,400          |
| <b>Subtotal LS</b>                                             | <b>\$255,543</b> |
| <b>Subtotal T&amp;M</b>                                        | <b>\$206,513</b> |
| <b>TOTAL</b>                                                   | <b>\$462,056</b> |

A manhour estimate and subconsultant's scopes of services are attached.

Jones Edmunds appreciates this opportunity to continue to offer our professional engineering services to Tillman and Marion County and looks forward to working with you on this important project. If you have any questions or wish to discuss any aspect of the proposed Scope of Services, please contact me at (352) 328-9627.

Sincerely,



John Horvath, PE  
Senior Project Manager  
[jhorvath@jonesedmunds.com](mailto:jhorvath@jonesedmunds.com)

**PROJECT COST ANALYSIS/FEE QUOTATION WORKSHEET**  
**PROJECT NAME: MARION OAKS WTP #4 AND SUMMERGLEN WTP UPGRADES**

|      | PROJECT ACTIVITY                                               | Project Officer | Sr. PM and Chief QC Engineer | Sr. Electrical Engineer | Project Engineer | CADD Designer | Engineer Intern | Sr. CADD Technician | Sr. Field Rep. | Sr. Admin. Asst./Technical Editor | Jones Edmunds Direct Labor Cost | Total Jones Edmunds Manhours | Subcontractor & Materials/Travel Cost w/ Markup | Task Total with Subs & Markup | % of Project |
|------|----------------------------------------------------------------|-----------------|------------------------------|-------------------------|------------------|---------------|-----------------|---------------------|----------------|-----------------------------------|---------------------------------|------------------------------|-------------------------------------------------|-------------------------------|--------------|
| TASK | Task Name                                                      | \$275.00        | \$265.00                     | \$265.00                | \$215.00         | \$145.00      | \$145.00        | \$125.00            | \$145.00       | \$115.00                          |                                 |                              |                                                 |                               |              |
| 1    | PROJECT MANAGEMENT AND MEETINGS/COORDINATION (LS)              | 0               | 48                           | 8                       | 6                | 0             | 0               | 0                   | 0              | 20                                | \$ 18,430                       | 82                           | \$ 19,528                                       | \$ 37,958                     | 8.2%         |
| 2a   | WELL SPECIFICATIONS AND CONSTRUCTION (LS FOR JE, T&M for SUBS) | 0               | 42                           | 0                       | 16               | 0             | 0               | 0                   | 0              | 4                                 | \$ 15,030                       | 62                           | \$ 185,513                                      | \$ 200,543                    | 43.4%        |
| 2b   | WELL SPECIFICATIONS AND CONSTRUCTION QC (T&M)                  | 0               | 0                            | 0                       | 0                | 0             | 0               | 0                   | 0              | 0                                 | \$ -                            | 0                            | \$ 21,000                                       | \$ 21,000                     | 4.5%         |
| 3    | SURFACE FACILITIES DESIGN - BOTH FACILITIES (LS)               | 0               | 64                           | 122                     | 240              | 0             | 112             | 208                 | 0              | 28                                | \$ 146,350                      | 774                          | \$ 21,395                                       | \$ 167,745                    | 36.3%        |
| 4    | PERMITTING ASSISTANCE FOR BOTH FACILITIES (LS)                 | 0               | 16                           | 20                      | 28               | 0             | 60              | 0                   | 0              | 10                                | \$ 25,410                       | 134                          | \$ -                                            | \$ 25,410                     | 5.5%         |
| 5    | PRE-CONSTRUCTION SERVICES FOR SURFACE FACILITIES BOTH (LS)     | 0               | 4                            | 8                       | 16               | 0             | 16              | 0                   | 0              | 4                                 | \$ 9,400                        | 48                           | \$ -                                            | \$ 9,400                      | 2.0%         |
|      |                                                                |                 |                              |                         |                  |               |                 |                     |                |                                   |                                 |                              |                                                 |                               |              |
|      | <b>TOTAL</b>                                                   | <b>0</b>        | <b>174</b>                   | <b>158</b>              | <b>306</b>       | <b>0</b>      | <b>188</b>      | <b>208</b>          | <b>0</b>       | <b>66</b>                         | <b>\$ 214,620</b>               | <b>1100</b>                  | <b>\$ 247,436</b>                               | <b>\$ 462,056</b>             | <b>100%</b>  |

|                                                |               |          |             |                   |             |  |
|------------------------------------------------|---------------|----------|-------------|-------------------|-------------|--|
| Subcontractor & ODC Sub-Total                  |               |          |             |                   |             |  |
| LSG/GSE/ASRus Summary                          | Direct Cost   | Markup % | Markup Cost | Total Cost        | Notes       |  |
| Task 1 (T&M)                                   | \$ 18,598.00  | 5.0%     | \$ 930      | \$ 19,527.90      | LSG (T&M)   |  |
| Task 2 (T&M)                                   | \$ 176,679.00 | 5.0%     | \$ 8,834    | \$ 185,512.95     | LSG (T&M)   |  |
| Task 2 (T&M)                                   | \$ 20,000.00  | 5.0%     | \$ 1,000    | \$ 21,000.00      | ASRus (T&M) |  |
| Task 3 (LS)                                    | \$ 15,000.00  | 5.0%     | \$ 750      | \$ 15,750.00      | GSE (LS)    |  |
| Task 4 (LS)                                    | \$ -          | 5.0%     | \$ -        | \$ -              |             |  |
| Task 5 (LS)                                    | \$ -          | 5.0%     | \$ -        | \$ -              |             |  |
| JE Other Direct Costs (Task 3)                 | \$ 5,645.00   | 0.0%     | \$ -        | \$ 5,645.00       | CADD/Travel |  |
| <b>Subconsultant &amp; DCs Sub-Total .....</b> |               |          |             | <b>\$ 247,436</b> |             |  |
| <b>Direct Labor Cost (Jones Edmunds).....</b>  |               |          |             | <b>\$ 214,620</b> |             |  |
| <b>TOTAL PROFESSIONAL FEE AMOUNT .....</b>     |               |          |             | <b>\$ 462,056</b> |             |  |



August 11, 2025

Mr. John Horvath, PE  
Jones Edmunds & Associates, Inc.  
13545 Progress Blvd., Ste. 100  
Alachua, Florida 32615

SUBJECT: Proposal to Assist Jones Edmunds with Design and Construction Oversight for the  
Marion Oaks and Summerglenn Water Supply Wells

Dear John:

We are pleased to submit this proposal for Liquid Solutions Group, LLC (LSG) to provide Jones Edmunds with professional services to assist with the design and permitting of two new 12-inch potable water supply wells at the Marion Oaks Water Treatment Plant ( WTP) #4 and two new 12-inch potable water supply wells at the Summerglenn WTP. The scope of services includes a kick-off meeting with the County, assistance with well specifications and siting, and construction oversight.

We look forward to working with you. Please do not hesitate to contact me if you have any questions about the attached proposal.

Sincerely,

A handwritten signature in cursive script that reads "Roberto Denis".

Roberto Denis, PE, BC.WRE  
Managing Member

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## **Marion County Design and Construction Oversight for the Marion Oaks and SummerGlen Water Supply Wells**

### **Background**

Marion County Utilities (MCU) currently has two public supply potable water wells, Well Nos. MO4 and MO4B, at the Marion Oaks Water Treatment Plant (WTP) #4 and two public supply wells, SG2 and SG3, at the Summerglen WTP No. 6. The wells are permitted under Southwest Florida Water Management District (SWFWMD) Water Use Permit No. 20 006151.014.

Well No. MO4 at WTP #4 was installed as part of the original WTP construction and has historically experienced capacity and water quality issues. The wells at the Summerglen WTP have also experienced capacity and water quality issues. MCU has requested a Scope of Services for designing a replacement well for MO4 and an additional backup well at WTP #4 and for designing two replacement wells at the WTP No. 6.

The following Scope of Services has been prepared for Liquid Solutions Group, LLC (LSG) to assist with the well permitting, design, and bidding and to provide construction oversight during well construction.

### **Scope of Services**

#### **TASK 1 – Kickoff Meeting and Project Coordination**

LSG will participate in a kickoff meeting at Marion County to discuss the project goals and tour the existing facilities. The kickoff meeting will include a discussion of data needs.

This task also includes time to coordinate with the driller and provide weekly updates to Jones Edmunds for a 1-year construction period.

#### **TASK 1 DELIVERABLES**

- Electronic copies of Meeting Minutes.

#### **TASK 2 – Well Specifications and Construction**

LSG will provide the following for design and bidding of the replacement wells:

- Preparation of a letter modification request for three replacement wells and one back-up well (to be submitted to the Southwest Florida Water Management District by the County).
- Preparation of a site maps showing the proposed well locations and distances to setbacks listed in in Rules 62-532 and 62-555, FAC.
- Review and comments on the technical specifications.
- Attendance at one pre-bid meeting.
- Preparation of a draft response for up to four addenda to address

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questions regarding well construction.

LSG will provide the following services during well construction:

- Attendance at two pre-construction meetings to be held onsite – one at WTP #4 and one at the Summer Glen WTP.
- Assist with responses to Requests for Information (RFIs).
- Review of up to 16 submittals by the Contractor (construction schedule, drilling and grouting plan, casing, and cement grout).
- Review of up to 16 pay applications.
- Four site visit to observe surface casing lengths and confirm heat stamps match submittal documents.
- Up to twelve site visits to observe and log drill cuttings.
- Four site visits to observe geophysical logging.
- Four web-meetings to discuss the final casing depths.
- Up to sixteen site visits to observe cement grouting of the final well casings (2 visits for the bottom 5 feet and 2 visits for the upper 20 feet at each well).
- Up to eight site visits to observe well development, collect Rossum sand test readings, and assist the contractor with set-up of data loggers for step-drawdown testing.
- Four site visits to observe step-drawdown testing and final water quality sampling of the wells.
- Up to eight site visits for final video and well alignment testing.
- Preparation of draft and final copies of the Well Completion Reports.

#### TASK 2 DELIVERABLES

- Electronic copy of daily logs for each site visit.
- Draft and final copies of the Well Completion Reports.

#### **Schedule**

LSG will begin work on this project upon receipt of a signed Task Authorization and Notice to Proceed (NTP) from Jones Edmunds. The final schedule will be coordinated with Jones Edmunds and the Drilling Contractor.

#### **Exclusions and Conditions**

The following items are exclusions to or conditions of this Scope of Services.

- The Water Use Permit modification is limited to a request detailing the proposed location and well construction details. Changes in permit allocation, groundwater modeling and/or other environmental analyses are not included.
- We assume all water quality sampling and equipment will be provided by the Drilling Contractor.
- We assume a construction schedule of 3 months or less for each well. If the construction time is extended, additional time may be needed for coordination with the well driller and can be provided through an amendment or a new scope of services.
- We assume that Jones Edmunds will provide a turbidity meter for confirming final

- 
- water quality.
  - We assume that the pressure transducers for the step-drawdown testing will be provided by others.
  - We have included time for limited construction oversight detailed above. If weather delays or failure of drilling equipment results in additional field time, additional oversight can be provided by an amendment or new scope of services.
  - If the well must be abandoned or re-drilled for any reason, additional oversight and site visits are outside the scope of services.

## Compensation

LSG proposes to complete the work detailed in Tasks 1 and 2 for a not to exceed fee of \$195,277. Payment will be billed on a Time and Materials basis using the hourly rates as shown in Table 1.

**Table 1**  
**Fee Table**

| Task                                             | LSG Labor       |                 | Budget    |
|--------------------------------------------------|-----------------|-----------------|-----------|
|                                                  | Engineer<br>P11 | Geologist<br>P8 |           |
|                                                  | \$254.15        | \$194.35        |           |
| Task 1 – Kickoff meetings & Project Coordination | 12              | 80              | \$18,598  |
| Task 2 – Well Specifications and Construction    | 62              | 828             | \$176,679 |
| <b>Total Hours and Costs</b>                     | 74              | 908             | \$195,277 |



August 12, 2025

John H. Horvath, P.E.  
Jones Edmunds  
13545 Progress Boulevard, Suite 100  
Alachua, Florida 32615

Reference: Proposal for Structural Design Services – Revision 1  
**Marion Oaks & Summerglenn WTP (Improvements)**  
Ocala, Marion County, Florida  
GSE Proposal No. 2025-403

GSE Engineering & Consulting, Inc. (GSE) is pleased to present this proposal for providing structural design services related to the subject project in Ocala, Marion County, Florida.

This proposal outlines our understanding of the project scope and presents our fees for providing these services. This proposal has been revised to include the previously submitted Proposal No. 2025-402 and has been updated to reflect the merged project scopes between Marion Oaks & Summerglenn WTP locations. Additionally, the proposed prefabricated building associated with the Summerglenn location has been removed from the scope.

### **PROJECT DESCRIPTION**

The project includes two locations, one at the Marion Oaks and the second at the Summer Glen Water Treatment Plant (WTP) both in Ocala, Marion County, Florida. The project will consist of installing new 12-inch potable wells and the associated pumps and piping. You have requested GSE provide structural design services related to the installation of the new wells, pumps, and piping.

GSE proposes to provide the following scope of services.

### **SCOPE OF SERVICES**

- Review of construction documents (if any).
- Provide structural details and drawings, as required.

### **PROJECT SCHEDULE**

We will verbally transmit design criteria throughout the project to ensure efficient design/construction timelines. Our submission of details and/or structural drawings will be delivered as they are developed and at agreed upon milestone dates related to this project.

### FEE

Based upon our understanding of the project and scope of work presented above, we can perform the proposed structural scope of services for a fee of **\$15,000**. If additional services are required, these could be provided as an addendum to this proposal. We will not exceed our fee without your prior authorization for an increase in the scope of services.

If field services are required, these could be provided at an additional cost of \$750 per site visit. If additional engineering services are required, these services could be provided at an additional cost of \$165 per hour. Engineering Services During Construction (ESDC) would be proposed at the time of construction under separate cover.

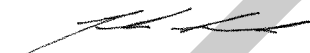
### AUTHORIZATION

To formally authorize us to proceed with this project please return to us your subcontract agreement for our execution. A fully executed subcontract executed by both parties shall act as a Notice to Proceed.

### CLOSURE

We appreciate the opportunity to submit this proposal and we look forward to the possibility of working with you on this and future projects. If you have any questions, or if we can provide any additional information, please call us.

Sincerely,  
**GSE Engineering & Consulting, Inc.**

  
John C. Newcombe, P.E.  
Project Engineer

  
Kenneth L. Hill, P.E.  
Principal Engineer

JCN/KLH:tlf

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Distribution: Addressee (1)  
File (1)



July 30, 2024

Mr. John H. Horvath, P.E.  
Sr. Project Manager/Vice President  
Jones Edmunds & Associates, Inc.  
13545 Progress Blvd, Suite 100  
Alachua, FL 32615

Subject: *Professional Services for Marion County – Marion Oaks WTP Well Replacement*

Dear Mr. Horvath:

The purpose of this letter is to present our proposal for providing professional services related to the Marion County Marion Oaks WTP well replacement project. ASRus, LLC (Subconsultant) will provide support on an as-needed basis as part of the Jones Edmunds & Associates (Consultant) team. We propose to perform the work under a single task, but can break the work down into multiple tasks if necessary to align with the Consultant's project.

Following is a list of anticipated services that may be performed under this scope of work. The Subconsultant will provide these services at the Consultant's direction and as the established budget for this work allows.

- Submittal review before construction for any of the following:
  - Equipment
  - Geophysical logger/equipment
  - Sample collection schedule
  - Analytical lab to be used
  - Casing/mill certificates
  - Permit applications/permits
- Quality Control review during construction for any of the following:
  - Daily reports
  - Formation samples
  - Geophysical logs
  - Aquifer Performance Test results
  - Water Quality results
  - Water Management District Well Completion report
- Assistance with data review, review of well completion report, certifications needed by a licensed Professional Geologist in Florida (if requested), and other as-needed services

Mr. John Horvath  
July 30, 2024  
Page 2

Subconsultant will provide other as needed support related to the well replacement as requested and as the established budget for this Work Order allows. This may include attendance and preparation for additional meetings, responses to regulatory requests for information, responses to public comments, or additional testing and analyses deemed necessary to allow the project to progress.

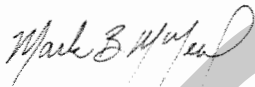
### Project Budget and Invoicing

Project charges will be invoiced monthly in accordance with the attached Professional Fee Schedule (Attachment A). Work will be billed on a time and materials basis within the upset amount of the Work Order. We propose that the Work Order establish a not-to-exceed budget of \$10,000.

We appreciate the opportunity to assist Jones Edmunds & Associates with this project. We look forward to working closely with you and Michelle Hays to complete this work. Please contact us (813-765-7942) if you have any questions or require further information regarding this proposal.

Sincerely,

ASRus, LLC



Mark B. McNeal, P.G.  
Chief Executive Officer

### Attachment A Professional Fee Schedule

#### Labor

| Labor Category                                                                                                                                                                                 | Billing Rate (\$/hour) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Principal Hydrogeologist (PG)                                                                                                                                                                  | \$210                  |
| Senior Hydrogeologist (PG)                                                                                                                                                                     | \$180                  |
| Hydrogeologist (PG)                                                                                                                                                                            | \$140                  |
| Field Hydrogeologist (non-PG)                                                                                                                                                                  | \$100                  |
| Office Support                                                                                                                                                                                 | \$60                   |
| <i>Note: Hourly billing rates include overhead and profit and are valid through December 31, 2025. Hourly billing rates for labor do not include subcontract services and direct expenses.</i> |                        |

#### Expenses

Direct expenses incurred for the project will be billed with no markup. Such direct expenses include transportation (mileage at \$0.60/mile), tolls, meals, lodging, postage, shipping, equipment and supplies.