

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	<u>\$758,942</u>		<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$758,942</u>		<u>0</u>	<u>0</u>	<u>0</u>

ADDITIONAL FTE POSITIONS (Cumulative) 0 0 0 0 0

Budget Account No.: Fund 4011 Dept 721 Unit W010 Object 6545

Is Item Included in Current Budget? Yes X No

Does this item include the use of federal funds? Yes No X

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

One (1) time expenditure from user fees, connection fees and balance brought forward.

C. Department Fiscal Review: *Stephane Fort-Bonath* **GE**

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

<p><u><i>Luc Muta</i></u> 9/23/21 OFMB <i>JA</i> 9-23-21 <i>BC</i> 9/23</p>	<p><u><i>Eric J. Jacobus</i></u> 9/29/21 Contract Development and Control 9-29-21 <i>TW</i></p>
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B. Legal Sufficiency:
[Signature] 9/30/21
Assistant County Attorney

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

**AMENDMENT NO. 1
TO
CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES
SECONDARY CLARIFIER AND EFFLUENT FILTRATION IMPROVEMENTS
ENGINEERING SERVICES
PBCWUD PROJECT NO. 17-022**

This Amendment No. 1 is made as of the _____ day of _____ 20____, by and between Palm Beach County, a Political Subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the COUNTY, and Hazen and Sawyer, P.C. [] an individual, [] a partnership, [X] a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, whose Federal I.D. is 13-2904652.

In consideration of the mutual promises contained herein, the COUNTY and the CONSULTANT agree that the Contract for Consulting/Professional Services entered into by the parties on December 19, 2017, and referenced by County Resolution Number R2017-1912 (hereinafter "the CONTRACT"), is amended as follows:

1. The project schedule set forth in Article 2 included an original completion of services date of December 19, 2021. The project schedule of the CONTRACT is hereby extended by an additional 730 calendar days to reflect a new completion of services date of December 19, 2023. All schedules, tables, charts, or other items of the CONTRACT containing the project schedule are hereby similarly amended to reflect a new completion of services date of December 19, 2023. A modified project schedule is contained in Exhibit C1 attached hereto and made a part hereof for the additional services contained in this Amendment No. 1.
2. The modified Scope of Work is contained in Exhibit A1 attached hereto and made a part hereof for the additional services contained in this Amendment No. 1.
3. The compensation as provided in the CONTRACT was for a lump sum fee of \$1,148,157.00 plus a not to exceed amount of \$851,333.00 for a total of \$1,999,490.00. Amendment No. 1 will increase the lump sum amount by \$65,527.00 from \$1,148,157.00 to \$1,213,684.00. Amendment No. 1 will also increase the not to exceed amount by \$693,415.00 from \$851,333.00 to \$1,544,748.00. The revised total compensation as provided in the CONTRACT including Amendment No. 1 is \$2,758,432.00. The modified Schedule of Payments is contained in Exhibit B1 attached hereto and made a part hereof for the additional services contained in this Amendment No. 1.
4. The modified OEBO schedules 1 and 2 are contained in Exhibit D1 attached hereto and made a part hereof for the additional services contained in this Amendment No. 1.

All other provisions of the CONTRACT shall remain unchanged by this Amendment No. 1 and shall remain in full force and effect.

**AMENDMENT NO. 1
TO
CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES
SECONDARY CLARIFIER AND EFFLUENT FILTRATION IMPROVEMENTS
ENGINEERING SERVICES
PBCWUD PROJECT NO. 17-022**

IN WITNESS WHEREOF, this Amendment No. 1 is accepted, subject to the terms, conditions and obligations of the aforementioned CONTRACT.

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

Joseph Abruzzo, Clerk & Comptroller,
Palm Beach County

Palm Beach County, Board of County
Commissioners

ATTEST:

Signed: _____

CI Signed: _____

Dave Kerner, Mayor

A13

Typed Name: _____
Deputy Clerk

_____ Date

Approved as to Form and Legal Sufficiency

CONSULTANT: HAZEN AND SAWYER, P.C.

Signed: _____

Albert Muniz
_____ (Signature)

Typed Name: Michael W. Jones
County Attorney

Albert Muniz / Vice President
(Name and Title)

9/20/21

_____ Date

STATE OF FLORIDA

COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 20th day of September, 2021, by Albert Muniz who is personally known to me or has produced _____ as identification.



Teresa McNally
_____ (Signature of Notary Public - State of Florida)

Teresa McNally

_____, or Stamp Commissioned Name of Notary Public

EXHIBIT – A1
SCOPE OF WORK
Southern Region Water Reclamation Facility
Secondary Clarifier and Effluent Filtration Improvements Engineering Services
(PBCWUD Project No. 17-022)

INTRODUCTION

On December 19, 2017 Palm Beach County Board of County Commissioners (COUNTY) entered into an agreement entitled Contract for Engineering Services for Southern Region Water Reclamation Facility for the Secondary Clarifier and Effluent Filtration Improvements Headworks – Palm Beach County Water Utilities Department Project No. 17-022 (CONTRACT) with Hazen and Sawyer, P.C. (CONSULTANT) to provide engineering services for design, permitting assistance, bidding support and construction services.

BACKGROUND

The above referenced professional services are related to Palm Beach County Water Utilities Department's (PBCWUD) Southern Region Water Reclamation Facility (SRWRF). The project aims to enhance operational efficiency by replacing aging infrastructure. The scope for this project includes but is not limited to upgrades and the improvements to the reclaimed water production facilities, upgrades and improvements to the secondary clarifiers and sludge pump stations, additional secondary clarifier scum manholes, modifications/expansion to bulk hypochlorite storage, and other miscellaneous aspects as presented herein that are associated with the anaerobic digesters and biogas system.

The design, permitting and bidding phases of the project are completed and the construction phase of the project commenced on January 6, 2020. The current term of the CONTRACT, included a construction schedule of 670 successive calendar days to Substantial Completion plus 60 calendar days to Final Completion. The schedule assumed two (2) secondary clarifiers would be rehabilitated simultaneously. During the design phase, it was determined only one (1) secondary clarifier could be rehabilitated at a time essentially doubling the construction schedule. This adjustment added 620 calendar days to the construction schedule: from 670 calendar days to 1,290 calendar days to Substantial Completion plus 60 calendar days to Final Completion. Due to the resultant increase in the construction schedule, PBCWUD has requested the CONSULTANT provide additional construction phase engineering services to assist in the timely and successful execution of the project. The additional construction services within the CONTRACT that are being increased and included in Amendment No. 1 are associated with supplemental meetings, submittal reviews, Contractor Requests for Information (RFIs), resident project representation, startup services, and project management. In addition to extending the duration and quantities of construction phase services currently included in the CONTRACT, additional construction phase services have been requested to be incorporated into the CONTRACT in Amendment No. 1. These services include furnishing an independent environmental, health and safety inspection of the contractor's safety program, Programable Logic Control (PLC) programming for the new and modified systems, site inspection, and updating of the existing SRWRF process flow diagram. A more detailed summary of all services included in Amendment No. 1 is presented below.

ADDITIONAL CONSTRUCTION PHASE SCOPE OF SERVICES

Task 5 – Construction Contract Administration

The CONSULTANT will provide additional services as identified below for the management of engineering tasks for the additional 620 day duration of the project's construction phase. Such management activities will include project coordination with COUNTY, general coordination with the Contractor, scheduling, pay requests, and general correspondence with COUNTY and the Contractor.

5.1 – Pre-Construction and Monthly Progress Meetings

CONSULTANT will attend meetings with COUNTY and the Contractor. As a minimum, one (1) representative of CONSULTANT will attend the project progress meetings (i.e., the Project Manager) together with the Resident Project Representative (RPR) to discuss the project progress. CONSULTANT will chair the progress meeting and prepare and issue meeting minutes. Additional CONSULTANT or sub-consultant team members will attend periodically to address specific subject matter as issues arise during the course of the construction work.

The original CONTRACT had assumed a combined total of 24 progress meetings based upon a 24 month construction duration. The construction duration has been extended by 21 months due to COUNTY imposed restrictions on the number of facilities that can be taken out of service at a single time during construction. As a result of this constraint, 21 additional progress meetings are anticipated to account for the additional 620 calendar day duration of the construction phase of the project.

5.2 – Submittals

CONSULTANT will consult with the COUNTY concerning the acceptability of substitute materials and equipment proposed by the apparent low bidder. CONSULTANT will review shop drawings, diagrams, illustrations, catalog data, schedules and samples, equipment Operation and Maintenance (O&M) manuals, results of laboratory tests and inspections, equipment factory test certifications, equipment manufacturer certificates of proper installation, and other data that Contractors are required to submit for conformance with the design concept of the Project and compliance with the provisions of the Contract Documents. In addition, CONSULTANT will receive and review items to be delivered by the Contractor(s) pursuant to the Contract Documents, including but not limited to maintenance and operating instructions, schedules, guarantees, warranties, bonds and certificates of inspection, tests and approvals. CONSULTANT will provide written comments and recommendations concerning their completeness under the Contract Document.

The original CONTRACT had assumed a total of 145 shop drawings and O&M manuals were to be processed by CONSULTANT with an effort of five (5) hours per submittal anticipated throughout the course of the construction phase of the project. The actual quantities of shop drawings and O&M manuals has exceeded the assumed amount and it is anticipated a total of 225

shop drawings and O&M manuals are to be submitted. This equates to 80 submittals beyond the 145 previously assumed for this task. The level of effort for the additional submittals remains at five (5) hours per submittal.

5.3 – Interpretations, Clarifications and Change Orders

CONSULTANT will issue interpretations and clarifications of Contract Documents during construction and evaluate requests for substitutions or deviations from the Contract Documents. CONSULTANT will notify COUNTY of any such requested deviations or substitutions, and when reasonably necessary, provide COUNTY with a recommendation concerning same.

CONSULTANT will negotiate with the Contractor, the scope and cost of contract change orders using as a basis for such negotiations data or other information, emanating from the Contract Documents, including but not limited to the construction contract, general and special conditions, bid sheet, technical specifications, plans, shop drawings, material specifications, and proposed material and labor costs. CONSULTANT will prepare, recommend and submit for COUNTY's approval such change orders or work change directives.

The original CONTRACT had assumed a total of 50 requests for information (RFIs) were to be addressed by CONSULTANT with an effort of four (4) hours per RFI. The actual number of RFIs submitted by the Contractor is nearing the total amount initially assumed and it is now anticipated a total of 80 RFI's are expected which is 30 beyond the 50 RFIs initially assumed. The level of effort for the additional RFI's remains at approximately four (4) hours per submittal.

Task 6 – Resident Project Representative

The CONSULTANT will provide a Resident Project Representative (RPR) as described herein for the duration of the construction project to observe construction and monitor work. The RPR will be approved by the COUNTY.

6.1 – Resident Project Representative

CONSULTANT will provide a RPR for field observation of the construction to help determine whether the general provisions of the Contract Documents are being fulfilled and to reasonably protect COUNTY against defects and deficiencies in the work of the Contractor. Compensation in Exhibit-B1 is based on providing additional RPR services for fifteen (15) hours per week over the additional 91 week (21 month) duration with a total resident project representation level of effort based on 1,183 hours. In addition:

- CONSULTANT, working principally through the Contractor's Superintendent, will assist the Contractor in the understanding the intent of the Contract Documents; and will assist COUNTY staff in serving as COUNTY's liaison with the Contractor.
- Based on available information, the CONSULTANT will verify that tests, equipment and system startup are conducted in the presence of appropriate personnel and that the Contractor maintains adequate records thereof; and observe, record, and report appropriate

details relative to the test procedures and startup to COUNTY and appropriate regulatory agencies. Based upon available information, CONSULTANT will verify and certify to COUNTY that the constructed facilities properly operate and are in general conformance with the Contract Documents and specifications.

- CONSULTANT will keep a diary or log book, recording date relative to questions of Work Directive Changes, Change Orders, or changed conditions, and observations in general.
- CONSULTANT will prepare a daily report for each day the RPR is on site, and submit said reports in electronic Portable Document Format (PDF) to the COUNTY on a weekly basis.

CONSULTANT will notify COUNTY and Contractor in writing when unsafe working conditions or safety violations are observed.

Task 9 – SRWRF Control System PLC Programming

CONSULTANT will perform programable logic control (PLC) programming to support integration of the following project features into the existing plant control system:

- | | |
|--|--|
| 1. Clarifier 1-1 | 12. New Effluent Filters 7&8 |
| 2. Clarifier 1-2 | 13. Filtered Effluent Transfer Pumps 1&2 |
| 3. Clarifier 1-3 | 14. Filtered Effluent Transfer Pumps 3&4 |
| 4. Clarifier 1-4 | 15. Filtered Effluent Transfer Pumps 7&8 |
| 5. Clarifier 2-1 | 16. Hypochlorite Tanks 1&2 |
| 6. Clarifier 2-2 | 17. Hypochlorite Tanks 3&4 |
| 7. Clarifier 2-3 | 18. Anaerobic Digester Group 1 Boiler 1 |
| 8. Clarifier 2-4 | 19. Anaerobic Digester Group 1 Boiler 2 |
| 9. Rehabilitated Effluent Filters 1 & 2 | 20. Anaerobic Digester Group 2 Boiler 1 |
| 10. Rehabilitated Effluent Filters 3 & 4 | 21. Anaerobic Digester Group 2 Boiler 2 |
| 11. Rehabilitated Effluent Filters 5 & 6 | 22. Eye Wash Stations (Total of 25) |

Programming is for plant PLC controllers only. All supervisory control and data acquisition (SCADA) screen modifications, creation, development, or deployment will be performed by the COUNTY.

Task 10 – Independent Environmental, Health and Safety Inspector Services

CONSULTANT will provide an independent Environmental, Health and Safety (EHS) Inspector for review of Contractor generated site safety documentation and site inspections as summarized below.

The CONSULTANT will review, identify deficiencies, and provide recommendations (when appropriate) for the following documents submitted by the Contractor:

1. Site-specific health and safety plan (SSHASP)
2. Job hazard analyses (JHA's) for all activities
3. Daily health and safety reports
4. Accident reports and investigations
5. Site safety manager qualifications
6. Training records

The CONSULTANT will perform bi-weekly inspections throughout the duration of the Project. The CONSULTANT has assumed a total of 86 inspections will be performed consisting of the following activities:

1. Inspection duration will be an average of four (4) hours; this includes, travel time, site visit, meeting attendance and report generation.
2. Walk the site and audit the implementation of the Contractor's safety program (i.e., SSHASP).
3. Prepare and submit a report summarizing the findings of the site visit and any observed deficiencies.
4. Review the Contractor's response to deficiencies identified during the site visit and provide a written follow-up.

Based on the results of the inspection and the nature of the violation/deficiency, the CONSULTANT will perform a re-inspection of the site. The CONSULTANT will notify the Owner, and Contractor of such deficiencies and need for re-visit. The CONSULTANT has assumed a total of ten (10) re-visits of a duration of four (4) hours each.

When required, the CONSULTANT will provide support during accident investigations and OSHA inspections. The CONSULTANT will submit a report summarizing their findings when participating in an accident investigation and OSHA inspection. The CONSULTANT has assumed a total of four (4) inspections at a duration of four (4) hours each.

Task 11 – Construction Phase Inspection Services

CONSULTANT shall provide inspection services during the construction of the work to observe the quality of the work being performed and to assist in determining if the work is proceeding in accordance with the Contract Documents. The inspector will assist the Contractor in understanding the intent of the Contract Documents, and to ensure the completed work substantially conforms to the Contract Documents.

The inspector will attend construction progress meetings, review Contractor As-Built information

monthly to confirm proper updates are being made, observe materials and equipment testing in accordance with the Contract Documents, and review applications for payment submitted by the Contractor and material vendors to confirm completion level for each pay item.

The inspector will report, in writing, whenever CONSULTANT believes that work is unsatisfactory, faulty or defective, does not conform to the Contract Documents, does not meet the requirements of inspections, tests or approval required to be made, or has been damaged prior to final payment.

The inspector will prepare daily reports and submit the report in electronic PDF to the COUNTY on a weekly basis.

Inspection services to be provided are based upon a full-time inspector for eight (8) hours per day over a six (6) (continuous) month duration.

Task 12 – Update of Existing SRWRF Process Flow Diagram

CONSULTANT will provide engineering services associated with updating the existing SRWRF process flow diagram. The existing SRWRF process flow diagram has not been updated since 2012 and does not include upgraded or additional facilities incorporated into the SRWRF since then. CONSULTANT will generate an updated process flow diagram incorporating the new or upgraded facilities and submit to the COUNTY a draft of the updated process flow diagram in electronic PDF format for review and comments. CONSULTANT will review the comments received from the COUNTY and submit a final version of the updated process flow diagram to the COUNTY in both PDF and AutoCad electronic format.

EXHIBIT B1
BUDGET SUMMARY
Southern Region Water Reclamation Facility
Engineering Services for Secondary Clarifier and Effluent Filtration Improvements
(PBCWUD Project No. 17-022)

The Scope of Work to be completed by CONSULTANT as defined in Exhibit A1 consists of specific completion phases which shall be clearly identified on a phase-by-phase basis upon submission to the COUNTY of certain "deliverables"* as expressly indicated below. COUNTY is responsible for payment in each phase. COUNTY reserves the sole option to require a continuation to each phase, as needed. There is no obligation by the COUNTY to pay for a phase, unless COUNTY opts to require said work. Compensation for the work tasks stated herein shall be in accordance with the following Schedule of Payments:

PHASE 1 – Design through Bidding

Task(s) to be completed:

- Task 1 – Preliminary Design
- Task 2 – Final Design
- Task 3 – Permitting
- Task 4 – Construction Bid Services
- Task 8 – Project Management
- Task 12 – SRWRF Process Flow Diagram Update

Completion Time: 16 months from receipt of Notice-to-Proceed for Task 1 through 4

Task 8 under the CONTRACT had an initial completion time of 48 months from receipt of Notice-to-Proceed. Completion time will be extended for an additional 24 months under Amendment No. 1 to the CONTRACT for Task 8 and Task 12 for a total CONTRACT completion time of 72 months from receipt of Notice-to-Proceed.

Compensation for Phase 1: The CONTRACT had an initial compensation of \$1,148,157.00 based on lump sum method of payment. Amendment No. 1 added Task 12 to the CONTRACT and will increase the compensation an additional \$65,527.00 for Task 8 and Task 12 resulting in a CONTRACT total compensation amount of \$1,213,684.00.

Deliverable(s) Required: Listed in Exhibit A1

PHASE 2 – Construction

Task(s) to be completed:

- Task 5 – Construction Contract Administration

Task 6 – Resident Project Representative

Task 7 – Operations and Maintenance Manual Update

Task 9 – PLC Programming

Task 10 – Environmental Health and Safety Inspection Services

Task 11 – Construction Phase Inspection Services

Completion Time: The CONTRACT had an initial completion time of 48 months from receipt of Notice-to-Proceed. Completion time will be extended for an additional 24 months under Amendment No. 1 to the CONTRACT for a total CONTRACT completion time of 72 months from receipt of Notice-to-Proceed

Compensation for Phase 2: The CONTRACT had an initial compensation of \$851,333.00 based on a time and materials method of payment for Task 5 through 7. Amendment No. 1 added Tasks 9 through 11 to the CONTRACT and will increase the compensation an additional \$693,415.00 for Tasks 5 through 11 resulting in a CONTRACT total compensation amount of \$1,544,748.00

Deliverable(s) Required: Listed in Exhibit A1

**"Deliverables" shall be defined as progress reports, prepared maps, bid documents, completed drawings, specific reports, work plans, documentation of meetings attended, assessment study reports, analysis reports, summary reports, recommendation reports and related draft reports and verifiable deliverables*



HILLERS ELECTRICAL ENGINEERING, INC.

September 21, 2021

Mr. John Koroshec, PE
Associate Vice President
Hazen and Sawyer, PC
2101 Corporate Blvd
Boca Raton, FL. 33431

Subject: Southern Regional Water Reclamation Facility Secondary Clarifier and Effluent Filtration Improvements Additional Construction Phase Services

Dear John:

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide Hazen and Sawyer, PC (Hazen) this revised proposal for additional construction phase electrical, instrumentation, control systems and programming engineering services for the above referenced project.

Palm Beach County Water Utilities (County) has identified additional engineering and programming services needed to support the ongoing construction phase of the subject project. The identified services are in addition to those contained in the current contract; specifically, the additional services are:

Task 5 – Construction Contract Administration

Task 5.1: Pre-Construction and Monthly Progress Meetings

- HEE will attend up to an additional 21 construction progress meetings.

Task 6 – Resident Project Representative

Task 6.3: Start-Up Services

- HEE will assist H&S with H&S with overseeing equipment start-ups from an electrical, instrumentation and control perspective for an additional five (5) events.

Task 7 – Operations and Maintenance Manual Update

- HEE will assist Hazen with input and review of control strategies related to the programming performed under Task 8. Budget is included in Task 8 for review and comment on the control strategies. Hazen will perform the control strategy modifications for the operations and maintenance manual and HEE will review and provide comments. Operations and Maintenance Manual updates are limited to instrumentation and control; electrical systems are not included.

Task 8 – SRWRF Plant Control System PLC Programming

Mr. John Koroshec, PE

Subject: Southern Regional Water Reclamation Facility Secondary Clarifier and Effluent Filtration Improvement
Additional Construction Phase Services

- Perform PLC Programming for to support integration of the following project features into the existing plant control system to support construction:
 - Clarifier 1-1
 - Clarifier 1-2
 - Clarifier 1-3
 - Clarifier 1-4
 - Clarifier 2-1
 - Clarifier 2-2
 - Clarifier 2-3
 - Clarifier 2-4
 - Rehabilitated Effluent Filters 1 & 2
 - Rehabilitated Effluent Filters 3 & 4
 - Rehabilitated Effluent Filters 5 & 6
 - New Effluent Filters 7&8
 - Filtered Effluent Transfer Pumps 1&2
 - Filtered Effluent Transfer Pumps 3&4
 - Filtered Effluent Transfer Pumps 7&8
 - Hypochlorite Tanks 1&2
 - Hypochlorite Tanks 3&4
 - Anaerobic Digester Group 1 Boiler 1
 - Anaerobic Digester Group 1 Boiler 2
 - Anaerobic Digester Group 2 Boiler 1
 - Anaerobic Digester Group 2 Boiler 2
 - Eye Wash Stations (Total 25)

Assumptions

- Up to 65 shop drawing submittal reviews are anticipated with an average review time of
- 5 hours including re-submittals.
- Anticipated task durations
 - Task 1: Four (4) months.
 - Task 2: Ten (10) months
 - Task 3: Six (6) months.
 - Task 4: Six (6) months.
 - Tasks 5 & 6: Forty-three (43) months
- Programming is for plant PLC controllers only. All SCADA screen modifications, creation, development or deployment will be performed by the County.

Our proposed T&M Task 5.1 additional fee is:	\$4,788.00
Our proposed T&M Task 6.3 additional fee is:	\$7,148.00
Our proposed T&M Task 8 additional fee is:	\$110,066.00
Total amendment fee:	\$122,002.00

HEE wishes to thank Hazen and Sawyer for the opportunity to assist with this project. Please do not hesitate to call me if you have any questions regarding this proposal or any other related matter.

Sincerely,



Page 3

Mr. John Koroshec, PE

Subject: Southern Regional Water Reclamation Facility Secondary Clarifier and Effluent Filtration Improvement
Additional Construction Phase Services

Mark E. Luther, PE

MEL/mel

Business Development/Proposal/PBCWUD SRWRF Secondary Clarifier and Effluent Filtration Improvements 09212021.doc

PBCWUD SRWRF Secondary Clarifier and Effluent Filtration Improvements												
HILLERS ELECTRICAL ENGINEERING, INC.												
Scope Fee Breakdown -Construction Phase Services												
Date: 9/21/2021												
	Rate	\$212.00	\$154.00	\$114.00	\$114.00	\$96.00	\$85.00	\$142.00	\$63.00	Task		
	Proj. Man.	Profess Eng.	Engineer	Const. Coord	Cadd	Drafting	Programmer	Secretarial	Sub-Total	Expenses	Sub-Total	Total
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours		Cost	Cost
Task 5 - Construction Contract Administration												\$4,788.00
Task 5.1: Pre-Construction and Progress Meetings												
Additional Progress Meetings (21)				42					42		\$4,788.00	
Task 6 - Resident Project Representative												\$7,148.00
Task 6.3 Start-up Services												
Engineering (5 Additional Events)	4	15		35					54		\$7,148.00	
Task 8 - SRWRF Plant Control System PLC Programming												\$110,066.00
Secondary Clarifiers		16					135	5	144		\$21,949.00	
Reclaimed Water System		16					140	5	140		\$22,659.00	
Filtered Effluent Transfer Pump Station		14					100	5	130		\$16,671.00	
Hypochlorite System		8					42	5	65		\$7,511.00	
Anaerobic Digester Boilers		13					77	4	100		\$13,188.00	
Emergency Eye Wash Showers		3					91	4	104		\$13,636.00	
Post Start-up Additional Programming Services							100	4	104		\$14,452.00	
Total Hours	4	85		77			685	32	883			
Total Labor and Expenses	\$848.00	\$13,090.00		\$8,778.00			\$97,270.00	\$2,016.00				\$122,002.00



CORPORATE PROJECT SERVICES, INC.

June 7, 2021

John Koroshec, P.E.
Associate Vice President
Hazen and Sawyer, PC
211 NW Corporate Blvd., Suite 301
Boca Raton, FL 33431

Subject: Southern Region Water Reclamation Facility Secondary Clarifier and Effluent Filtration Improvement

Dear John:

Corporate Project Services, Inc. (CPSI) is pleased to provide additional project controls services during the construction phase of the referenced project as identified below:

Task 1 – Project Controls

CPSI will provide additional construction administration services as presented below:

Project Controls Assistance – CPSI will provide necessary project control assistance services during the construction phase of the Project. Activities shall include assistance with logging and tracking of requests for information (RFIs), construction contractor change orders (CO's), permits, requests for proposals (RFP's), contractor payment requests, shop drawings, contractor construction schedules, contractor work plans, other submittals and documents. This Scope of Services Amendment is based upon providing part-time (6 hours per week) project control specialist assistance for up to 60 additional weeks.

COMPENSATION

Total compensation for the services as presented under Task 1 herein will be on a not-to-exceed basis in amount(s) as presented below:

TASK NAME	AMOUNT
Task1 – Project Controls Services	\$ 21,978.00
TOTAL	\$ 21,978.00

We appreciate the opportunity Hazen and Sawyer has provided us in providing the services presented. Please contact us if you have any questions or require additional information.



CORPORATE PROJECT SERVICES, INC.

Sincerely,

A handwritten signature in black ink, appearing to read 'Esther Lambert', written in a cursive style.

Esther Lambert
President
Corporate Project Services, Inc.

Corporate Project Services, Inc.

Fee Breakdown

Task No.	Description	BUDGET SUMMARY	
		Hours	Labor Cost
1	Project Controls Assistance		
	1.1 - Submittals	240	\$14,652.00
	1.2 - Interpretations and Clarifications	84	\$5,128.20
	1.3 - Pay Requests	36	\$2,197.80
	Total Hours:	360	
	Labor Rate:	\$61.05	
	TOTAL FEE:		\$21,978.00

SOUTHEAST FLORIDA EH&S CONSULTING, LLC
PO BOX 267963
WESTON, FL 33326
(239) 910-8162

June 1, 2021

John Koroshec, P.E.
Associate Vice President
Hazen and Sawyer, PC
211 NW Corporate Blvd., Suite 301
Boca Raton, FL 33431

Subject: Southern Region Water Reclamation Facility Secondary Clarifier and Effluent Filtration Improvement

Dear John:

Southeast Florida EHS Consulting (SEFEHS) is pleased to provide independent Environmental, Health, and Safety (EHS) inspection and support services during the construction phase of the referenced project as identified below:

Task 1 – Overall Safety Program Review

SEFEHS will review, identify deficiencies, and provide recommendations (when appropriate) for the following documents submitted by the Contractor:

1. Site-specific, health, and safety plan (SSHASP)
2. Job hazard analyses (JHA's) for all activities
3. Daily health and safety reports
4. Accident reports and investigations
5. Site safety manager qualifications
6. Training records

This task includes the review of the original documents and one (1) resubmittal for each document.

Task 2 – Independent EHS Inspections

SEFEHS will perform biweekly inspections for the duration of the project. SEFEHS has assumed the following in providing the services under this task:

Disclaimer: Southeast Florida EH&S Consulting, LLC assumes no liability for any recommendations or best management practices since they are intended for guidance purposes only. It is the responsibility of contractors to comply with the criteria set forth within the 29 CFR Part 1926 OSHA standard under the rules of construction.

1. Project duration of 36 months (156 weeks)
2. A ten percent (10%) contingency added for the total number of visits to be performed
3. Inspection duration will be an average of four (4) hours; this includes, travel time, site visit, meeting attendance and report preparation
4. Walk the site and audit the implementation of the Contractor's safety program (i.e., SSHASP)
5. Review the Contractor's response to deficiencies identified during the site visit and provide a written follow-up.

Task 3 – Re-visits Inspections

Based on the results of the inspection and the nature of the violation/deficiency, SEFEHS will perform a re-inspection. SEFEHS will notify the Owner, Engineer, and Contractor of such deficiencies and need for re-visit. SEFEHS has assumed a total of ten (10) re-visits of a duration of four (4) hours each.

Task 4 – Accident Investigations and OSHA Inspections

When required SEFEHS will provide support during accident investigations and OSHA inspections. SEFEHS has assumed a total of four (4) inspections of a duration of four (4) hours each.

Deliverables

1. SEFEHS shall provide written review comments, list of deficiencies and recommendations for the documents listed in Task 1.
2. SEFEHS shall provide biweekly reports based on SEFEHS's observations of the construction site and shall highlight any observed deficiencies.
3. SEFEHS shall provide written response to the Contractor's remedial actions implemented to address deficiencies identified and resolution obtained.
4. SEFEHS shall provide a report in the event of an accident investigation and/or OSHA inspections that occur during the project's duration.

Disclaimer: Southeast Florida EH&S Consulting, LLC assumes no liability for any recommendations or best management practices since they are intended for guidance purposes only. It is the responsibility of contractors to comply with the criteria set forth within the 29 CFR Part 1926 OSHA standard under the rules of construction.

SOUTHEAST FLORIDA EH&S CONSULTING, LLC
PO BOX 267963
WESTON, FL 33326
(239) 910-8162

Compensation

Compensation for the services as presented under Tasks 1 through 4 above will be provided on a not-to-exceed basis as summarized below:

<u>Task No.</u>	<u>Hourly Rate</u>	<u>Hours</u>	<u>Number of Visits</u>	<u>Total</u>
Task 1 – Overall Safety Program Review	\$150.00	24	--	\$ 3,600.00
Task 2 – Independent EHS Inspections	\$150.00	4	86	\$ 51,600.00
Task 3 – Re-visits Inspections	\$150.00	4	10	\$ 6,000.00
Task 4 – Accident Investigations and OSHA Inspections	\$150.00	4	4	\$ 2,400.00
TOTAL				\$ 63,600.00

We appreciate the opportunity Hazen and Sawyer has provided us in providing the services presented. Please contact us if you have any questions or require additional information.

Sincerely,

Dennis Mantjos

Dennis Mantjos, CSP, CHST, CRIS, ERIS, TCS, CES
President
Southeast Florida EHS Consulting, LLC
www.seflehs.com

Disclaimer: Southeast Florida EH&S Consulting, LLC assumes no liability for any recommendations or best management practices since they are intended for guidance purposes only. It is the responsibility of contractors to comply with the criteria set forth within the 29 CFR Part 1926 OSHA standard under the rules of construction.

EXHIBIT C1
CONTRACT SCHEDULE
Southern Region Water Reclamation Facility
Engineering Services for Secondary Clarifier and Effluent Filtration Improvements
(PBCWUD Project No. 17-022)

EXHIBIT C1

CONTRACT SCHEDULE
Southern Region Water Reclamation Facility
Engineering Services for Secondary Clarifier and Effluent Filtration Improvements
(Project No. WUD 17-022)

The durations of the major tasks are summarized below:

Description	Estimated Task Duration ⁽¹⁾	Completion from Notice-to-Proceed⁽²⁾
Task 1 – Preliminary Design	4 months	4 months
Task 2 – Final Design	12 months	16 months
Task 3 – Permitting	6 months	16 months
Task 4 – Construction Bid Services	6 months	22 months
Task 5 – Construction Contract Administration	45 months	69 months
Task 6 – Resident Project Representative	42 months	69 months
Task 7 – O&M Manual Update	4 months	72 months
Task 8 – Project Management	69 months	72 months
Task 9 – PLC Programming	28 months	69 months
Task 10 – EHS Inspection Services	32 months	69 months
Task 11 – Full-time Inspection Services	6 months	44 months
Task 12 – SRWRF Process Flow Diagram Update	3 months	45 months
Project Completion	N / A	72 months

⁽¹⁾ Tasks may overlap

⁽²⁾ Estimated

EXHIBIT D1
OFFICE OF SMALL BUSINESS OPPORTUNITY (OEBO)
SCHEDULE NO. 1 AND SCHEDULE NO. 2
Southern Region Water Reclamation Facility
Engineering Services for Secondary Clarifier and Effluent Filtration Improvements

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: Contract for Consulting/Professional Services Secondary Clarifier and Effluent Filtration Improvements Engineering Services
SOLICITATION/PROJECT/BID No.: WUD 17-022
NAME OF PRIME RESPONDENT/BIDDER: Hazen and Sawyer, P.C.
ADDRESS: 2101 NW Corporate Blvd., Suite 301
CONTACT PERSON: Albert Muniz, P.E. / Vice President
PHONE No.: (561) 997-8070 **E-MAIL:** amuniz@hazensawsawyer.com
SOLICITATION OPENING/SUBMITTAL DATE: December 19, 2017
DEPARTMENT: Water Utilities

PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE Minority/Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Hazen and Sawyer, P.C. 2101 NW Corporate Blvd., Suite 301 Boca Raton, FL 33431 (561) 997-8070	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	\$551,352.00	_____
2. Hillers Electrical Engineering, Inc. 23257 SR 7, Suite 100 Boca Raton, FL 33428 (561) 451-9165	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	\$122,002.00	_____	_____	_____
3. Southeast Florida EH&S Consulting, LLC P.O. Box 267963, Weston, FL 33326 (239) 910-8162	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	\$63,600.00	_____
4. Corporate Project Services, Inc. 2101 Vista Parkway, Suite 221 West Palm Beach, FL 33411 (954) 701-2454	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$21,978.00	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
(Please use additional sheets if necessary)				Total	\$21,978.00	\$122,002.00	\$614,952.00	_____
Total Bid Price \$ <u>758,942.00</u>				Total SBE - M/WBE Participation <u>18.97%</u>				

I hereby certify that the above information is accurate to the best of my knowledge: Albert Muniz 9/20/21 Albert Muniz - Vice President
Signature Title

- Note:**
- The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
 - Modification of this form is not permitted and will be rejected upon submittal.

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 17-022

SOLICITATION/PROJECT NAME: Contract for Consulting/Professional Services Secondary Clarifier and Effluent Filtration Improvements Engineering Services

Prime Contractor: Hazen and Sawyer, P.C. Subcontractor: Hillers Electrical Engineering, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/17/2018 - 10/16/2021

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any **S/M/WBE** participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
96848	Inspection Services, Electrical Instrumentation and Control	\$11,936.00			\$11,936.00
92040	Programming Services, Computer (Including Mobile Device Appl	\$110,066.00			\$110,066.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$122,002.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Hazen and Sawyer, P.C.
 Print Name of Prime
 By: *Albert Muniz*
 Authorized Signature
Albert Muniz, P.E.
 Print Name
Vice President
 Title
 Date: 7/2/21

Hillers Electrical Engineering, Inc.
 Print Name of Subcontractor/subconsultant
 By: *P. Hillers*
 Authorized Signature
Paul Hillers
 Print Name
President
 Title
 Date: 6/29/2021

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 17-022

SOLICITATION/PROJECT NAME: Contract for Consulting/Professional Services Secondary Clarifier and Effluent Filtration Improvements Engineering Services

Prime Contractor: Hazen and Sawyer, P.C. Subcontractor: Corporate Project Services, Inc.

(Check box(s) that apply)
 SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3/16/2020 to 3/15/2023

The undersigned affirms they are the following (select one from each column **if applicable**):

Column 1	Column 2	Column 3
<input type="checkbox"/> Male <input checked="" type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any **S/M/WBE** participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
95826	Construction Management Services	\$21,978.00			\$21,978.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$21,978.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Hazen and Sawyer, P.C.
 Print Name of Prime
 By: Albert Muniz
 Authorized Signature
 Albert Muniz, P.E.
 Print Name
 Vice President
 Title
 Date: 8/19/21

Corporate Project Services, Inc.
 Print Name of Subcontractor/subconsultant
 By: Esther Lambert
 Authorized Signature
 Esther Lambert
 Print Name
 President
 Title
 Date: 8/19/2021

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 17-022
 SOLICITATION/PROJECT NAME: Contract for Consulting/Professional Services Secondary Clarifier and Effluent Filtration Improvements Engineering Services

Prime Contractor: Hazen and Sawyer, P.C. Subcontractor: Southeast Florida EH&S Consulting, LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): _____

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
91893	Security/Safety Consulting	\$63,600.00			\$63,600.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$63,600.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Hazen and Sawyer, P.C.
 Print Name of Prime
 By: Albert Muniz
 Authorized Signature
 Albert Muniz, P.E.
 Print Name
 Vice President
 Title
 Date: 8/19/21

Southeast Florida EH&S Consulting, LLC
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
 Dennis Mantijos
 Print Name
 Manager
 Title
 Date: 8/19/21

Location Map ATTACHMENT - 2

PBCWUD Project No. 17-022





ATTACHMENT 3

HAZE&SA-01

ABAREFOOT

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/25/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME:		
	PHONE (A/C, No, Ext):	(703) 827-2277	FAX (A/C, No): (703) 827-2279
	E-MAIL ADDRESS:	admin@amesgough.com	
INSURED Hazen and Sawyer 498 Seventh Avenue New York, NY 10018	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Hartford Fire Insurance Company A+ (XV)		19682
	INSURER B : Twin City Fire Insurance Company A+ (XV)		29459
	INSURER C : Continental Casualty Company (CNA) A, XV		20443
	INSURER D :		
	INSURER E :		
INSURER F :			

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

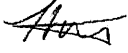
INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X	X	42UUNOL5499	3/29/2021	3/29/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	X		42UENOL5501	3/29/2021	3/29/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp./Coll. Ded \$ 1,000
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB OCCUR CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	X 42WBOL6H6E	3/29/2021	3/29/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	<input checked="" type="checkbox"/> Professional Liab.			AEH008231489	3/29/2021	3/29/2022	Per Claim/Aggregate \$ 3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Project #WUD 17-022, Contract Resolution #R2017-1912 - Contract for Consulting/Professional Services for Secondary Clarifier and Effluent Filtration Improvements Engineering Services

Palm Beach County, Board of County Commissioners, a political subdivision of the State of Florida and Palm Beach County Water Utilities Department, its officers, directors, agents and employees are included as additional insured with respect to General Liability and Automobile Liability when required by written contract per attached endorsements. General Liability and Workers Compensation policies include a waiver of subrogation per attached endorsements in favor of the additional insureds where permissible by state law and when required by written contract.

CERTIFICATE HOLDER

CANCELLATION

Palm Beach County Water Utilities Department c/o JDi Data Corporation 100 W Cypress Creek Rd, Suite 1052 Fort Lauderdale, FL 33309	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--