

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: March 10, 2026 Consent [X] Regular []
Public Hearing []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Services Authorization (CSA) No. 1 to the Consulting/Professional Engineering for Utility Distribution & Collection System Engineering Services (Contract) with C Solutions, Inc., (Consultant) for the Engineering Design and Permitting for Lift Station (LS) 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road (Project) for a not to exceed amount of \$282,998.72.

Summary: On December 19, 2023 the Board of County Commissioners (BCC) approved the Palm Beach County Water Utilities Department (PBCWUD) Contract (R2023-1866) CSA No. 1 provides for professional engineering services to relocate and improve LS No. 8119 and to design approximately 1,700 linear feet of new 6-inch effluent force main along Dr. Martin Luther King Jr., Boulevard West, connecting to the existing 16-inch force main on the west side of State Road 715 In Pahokee. PBCWUD has requested the Consultant to prepare engineering plans to abandon an existing 6-inch water main along State Market Road and East Main Street by transferring all remaining water service and fire hydrant connections to the adjacent 12-inch water main previously installed by the Department. Several services have already been connected to the new main; this project will complete the transition and abandon the older 6-inch line in place. The proposed work will replace deteriorated infrastructure that has reached the end of its useful life, improve operational reliability, and enhance service continuity within the western service area of the County's water and wastewater systems.

This Contract was presented to the Goal Setting Committee (Committee) on April 5, 2023, and the Committee established an Affirmative Procurement Initiative (API) of a minimum mandatory 20% Small Business Enterprise (SBE) subcontracting goal. Consultant committed to 91% SBE participation. The proposed SBE participation for this CSA No. 1 is 93.03%. To date, the overall participation achieved on this Contract is 93.03%. Consultant is headquartered in Coral Gables, Florida but maintains an office in Palm Beach County, from which the majority of the work will be undertaken. The Project is included in the PBCWUD FY 2026 Budget. (PBCWUD Project No. 25-043) District 6 (MWJ)

Background and Justification: LS 8119 in Belle Glade and the 6-inch water main in Pahokee have exceeded their useful service life and require replacement to maintain reliable service. The improvements will modernize aging infrastructure, improve hydraulic performance, and enhance operational reliability within the Belle Glade and Pahokee service areas. These projects align with PBCWUD's ongoing Capital Improvement Program to upgrade critical utility systems in the western region of Palm Beach County.

Attachments:

- 1. Two (2) Originals of Consultant Services Authorization No. 2
- 2. Location Map
- 3. Ebix Compliance Summary Report

Recommended By: Kristin Blos for 2-11-2026
Department Director Date

Approved By: [Signature] 2/12/26
Chief Deputy County Administrator Date

CONSULTANT SERVICES AUTHORIZATION NO. 1
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
*Consulting Professional Services for Utility Distribution & Collection System
Engineering Services*
Resolution No. R2023-1868 Contract Dated December 19, 2023

Project Title: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State
Market Road

PBCWUD Project No.: 25-043

Consultant: C Solutions, Inc.

Address: 601 N. Congress Ave., Suite 104B, Delray Beach, FL 33445

Budget Line Item No.: 4011-721-W038-6543

District No.: 6

This Consultant Services Authorization provides for: Engineering services for two (2) utility improvement projects in the cities of Belle Glade and Pahokee. In Belle Glade, the project involves improvements and relocation of Lift Station 8119, along with the design of approximately 1,700 linear feet of a new 6-inch effluent force main along Doctor Martin Luther King Junior Boulevard West, which will connect to the existing 16-inch force main located on the west side of State Road 715. In Pahokee, Palm Beach County Water Utilities Department (PBCWUD) has requested engineering services to abandon the existing 6-inch water main along State Market Road and East Main Street. All remaining water services and fire hydrant connections will be transferred to the adjacent 12-inch water main that was recently installed by PBCWUD. While some connections have already been transferred, this project will complete the transition and abandon approximately 16,250 linear feet of the 6-inch water main in place.

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 91% SBE participation. This Consultant Services Authorization includes 93.03% overall SBE participation. The cumulative SBE participation, including this Consultant Services Authorization is 93.03%.

1. Services completed by the Consultant to date:
See ATTACHMENT B.
2. Consultant shall begin work upon receipt of Notice to Proceed correspondence.
3. The compensation to be paid to the Consultant for providing the requested services shall be:
 - A. Computation of time charges plus expenses, not to exceed \$ 282,998.72
 - B. Fixed price of \$ _____
 - C. Total \$ 282,998.72
4. This Authorization may be terminated, in whole or in part, by the County with or without cause in accordance with the Contract terms. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed to termination date, together with reimbursable expenses (if applicable) then due in accordance with the Contract terms. Consultant agrees to waive any and all claims for lost profits or anticipated future profits in the event of a termination with or without cause under this Contract.

CONSULTANT SERVICES AUTHORIZATION NO. 1
Palm Beach County Water Utilities Department
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PBCWUD Project No.: 25-043

5. SBE participation is included in **ATTACHMENT C** under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each Sub-Consultant (Letter of Intent).
6. This Authorization does not amend, change, or modify the Contract dated December 19, 2023 which remains in full force and effect.
7. All Attachments to this Authorization are incorporated herein and made a part of this Consultant Services Authorization.
8. The Contract and this Consultant Services Authorization is subject to the County Emergency Ordinance 2025-014, approved by the Board of County Commissioners on June 3, 2025.

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Palm Beach County Water Utilities Department
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Consulting Professional Services for Utility Distribution & Collection System
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Project Title: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

PBCWUD Project No.: 25-043

IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

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

Michael A. Caruso, Clerk of the Circuit Court
& Comptroller, Palm Beach County

Palm Beach County, Board
of County Commissioners

ATTEST:

Signed: _____

EF
NA

Signed: _____

KB for AB

Sara Baxter, Mayor

Typed Name: _____

Deputy Clerk

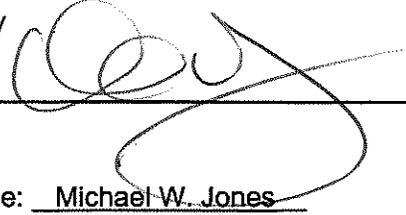
(Date)

Approved as to Form and Legal
Sufficiency

C Solutions, Inc.

(Consultant)

Signed: _____



Mark Drummond, P.E., BCEE

(Print Name)

Typed Name: Michael W. Jones
County Attorney



(Signature)

President

(Title)

1/13/2026

(Date)

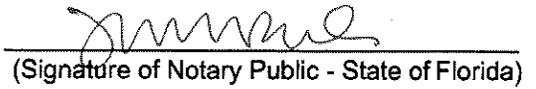
STATE OF FLORIDA

COUNTY OF Broward

The foregoing instrument was acknowledged before me by means of physical presence or online notarization,

this 13 day of January, 2026, by Mark Drummond who is

personally known to me or has produced _____ as identification.


(Signature of Notary Public - State of Florida)

Jennifer Paoli

(Print, Type, or Stamp Commissioned Name of Notary Public)

CONSULTANT SERVICES AUTHORIZATION NO. 1
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
*Consulting Professional Services for Utility Distribution & Collection System
Engineering Services*
Resolution No. R2023-1868 Contract Dated December 19, 2023

LIST OF ATTACHMENTS

ATTACHMENT A	Scope of Services
ATTACHMENT B	Summary and Status of Consultant Services Authorizations
ATTACHMENT C	OEBO Schedules 1 and 2
ATTACHMENT D	Project Schedule
ATTACHMENT E	Budget Summary
ATTACHMENT F	Summary of SBE Business Tracking
ATTACHMENT G	Location Map

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ATTACHMENT A

SCOPE OF SERVICES

PBCWUD Project No.: 25-043

Project Title: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

C Solutions, Inc. (CONSULTANT) shall perform:

BACKGROUND

The Palm Beach County Water Utilities Department (PBCWUD) has requested that C Solutions, Inc. (CONSULTANT) provide professional engineering services for two (2) utility improvement projects in Belle Glade and Pahokee. In Belle Glade, PBCWUD requested engineering assistance to improve and relocate Lift Station (LS) 8119 and to design approximately 1,700 linear feet (LF) of a new 6-inch effluent force main (FM) along Doctor Martin Luther King Junior Boulevard West (MLK Blvd) to connect with the existing 16-inch force main on the west side of State Road (SR) 715.

In Pahokee, PBCWUD has requested that the CONSULTANT prepare engineering plans to abandon an existing 6-inch water main (WM) along State Market Road and East Main Street by transferring all remaining water services and fire hydrant connections to the adjacent 12-inch water main recently installed by PBCWUD. While several connections have already been transferred to the new 12-inch WM, this project will complete the transition and abandon the 6-inch WM in place. Both LS 8119 and the 6-inch WM have reached the end of their useful service life, and the improvements are required to maintain reliable service and system capacity.

SCOPE OF SERVICES

CONSULTANT shall perform the engineering Scope of Services as described herein.

TASK 1 – LIFT STATION 8119 IMPROVEMENTS

TASK 1.1 Site Investigation and Coordination

1.1.1 Existing Utility Coordination:

CONSULTANT will review all existing reports, record drawings, design plans, utility atlases, and Geographic Information System (GIS) data for the project area as provided by PBCWUD. CONSULTANT shall perform a Sunshine One design ticket call, send letters to all identified utilities, and collect utility location information to identify potential conflicts with the relocation of LS 8119 and the new 6-inch force main. CONSULTANT shall conduct up to two (2) field visits to assess the existing conditions of the project area.

1.1.2 Geotechnical Investigation:

The CONSULTANT will conduct a geotechnical investigation to collect data suitable for the design of the new LS 8119 and installation of approximately 1,700 LF of 6-inch force main within the project area. Geotechnical Engineer will perform two (2) Standard Penetration

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Test (SPT) soil borings to a depth of 20 feet in accordance with the American Society for Testing and Materials (ASTM) D-1586.

- a. Visit the site to field stake/mark the planned boring locations, and observe the existing site conditions.
- b. Contact Sunshine 811 to request field location and clearance of underground utilities in the area of the test boring as per Florida Statutes. See below for further details.
- c. Prepare a Temporary Traffic Control Plan and implement it during our field exploration for traffic control and safety purposes in accordance with the Florida Department of Transportation (FDOT) Standard Plans for Road Construction. See below for further details.
- d. Mobilize a track-mounted drill rig and personnel.
- e. At the proposed wet well site, perform one (1) SPT boring to a depth of 20 feet below the existing ground surface in accordance with ASTM D-1586. Following completion of the drilling and testing, the borehole will be backfilled with grout.
- f. Along the proposed force main, perform one (1) SPT borings to a depth of 20 feet below the existing ground surface in accordance with ASTM D-1586. Following completion of the drilling and testing, the boreholes will be backfilled with grout.
- g. Visually classify the collected soil samples using the Unified Soil Classification System (USCS). Assign and perform a series of laboratory tests to ascertain soil index properties (moisture content, Atterberg Limits, organic content, grain size, and percent fines) for the soils encountered in the boring. All tests will be performed in accordance with the relevant ASTM test methods.
- h. Perform appropriate geotechnical engineering analyses and prepare a geotechnical engineering report providing the results of the SPT borings, the soil laboratory testing, and geotechnical related construction recommendations.

It is assumed that the geotechnical work is being performed within the Palm Beach County right-of-way and that a Right-of-Way Construction (or similar) permit will not be needed. A Temporary Traffic Control Plan will be prepared and implemented during the field exploration for safety purposes.

Prior to the mobilization of the drilling equipment, the Geotechnical Engineer will notify Sunshine State One-Call of Florida, Inc. (SSOCOF) of the planned exploration to allow affected utility companies the opportunity to mark the location of buried utility lines in the proposed exploration areas. Geotechnical Engineer cannot take responsibility for damage to private underground lines or structures and/or underground services which do not subscribe to SSOCOF; their locations should be provided by the Client prior to commencement of the fieldwork.

The CONSULTANT will provide a geotechnical report summarizing the results of the standard penetration test.

1.1.3 Topographic Survey:

CONSULTANT will perform a topographical and boundary survey of the project site at LS 8119 and along the new force main route for the purpose of locating existing structures, obstructions, landscaping and utilities on site. The site survey boundary for the LS 8119 project site will extend from the right-of-way (ROW) on the south west boundary of 380 SW 12th St. (adjacent to SW Avenue D), south along SW 12th St., and west along MLK Blvd. to the point of connection with the 16-inch FM on the west ROW of SR 715 (just south of MLK Blvd).

A. Obtain horizontal and vertical control utilizing Florida state plane 83/90 adjustment Horizontal Datum and NAVD 88 Vertical Datum.

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B. Prepare a Topographic Survey as defined in Rule 5J-17.050 of the Standards of Practice adopted by the Board of Professional Surveyors and Mappers. In particular, the survey will depict the following information:

1. Topography at major ground elevation changes to depict existing ground profile at proposed project area.
 - a. Location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences and power poles.
 - b. Location of above ground existing utilities: Florida Power and Light (FP&L), BellSouth, Cable TV, Natural Gas, Potable Water (valves, fire hydrants, and meters), Force Mains (valves), Sanitary Sewer, Reclaimed Water Mains (valves), Storm Sewers, including invert elevations, pipe size, type and direction for storm and sanitary infrastructure and the location of the underground utility locates as marked in the field by others.
 - c. Elevations shall be obtained at 100 foot stations to indicate existing grades. Intermediate grades shall be indicated at all significant grade breaks.
 - d. Provide and reference benchmarks. Elevations to be referenced to an existing established City or County Benchmark.
2. Provide an electronic file digitally signed and sealed by a registered land surveyor at 1" = 20' scale and digital survey and drawing information compatible with AutoCAD Civil 3D Version 2025.

1.1.4 Underground Utility Locates:

CONSULTANT shall verify key underground piping and other utilities by excavating selected locations via soft digs and obtain spot elevations of underground piping of those locations requested to establish as-built elevations necessary for the design of the LS 8119 and associated effluent force main. A total of four (4) test holes and spot elevations are included as defined in the subtasks below. PBCWUD will only pay for the test holes that are completed.

A. Provide Locates:

Provide utility location and verification services along SW 12th St., MLK Blvd. and SW 16th St. Using APWA standards for marking. Electromagnetic induction (EM) and Ground Penetrating Radar (GPR) will be utilized to perform/verify horizontal locations of existing tone able and non-tone able utilities. Lines will be painted on the ground or pin flags set to show said lines on the surface for the use of the Utility Test Hole Crew.

B. Utility Test Holes (Soft Digs):

Utility test holes (soft digs) will be performed, and reports provided for each with utility depth, elevation, size, material and type. The test holes will be performed based on the direction of the project engineer and limited to four (4) test holes.

C. Map Of Specific Purpose Survey:

Survey will physically locate the test holes performed under Task 1.1.4.B above and complete a Test Hole Report for each. Said reports will be included in a Map of Specific Purpose Survey (Surveyor's Report) prepared for the project. The test hole number, utility

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description, size, material, baseline station and offset (left or right), existing ground elevation, top of pipe elevation and misc. comments will be noted in said reports. The survey will be prepared in AutoCAD Civil 3D format. The Certified Map of Specific Purpose Survey will adhere to the Standards of Practice for Surveying, (Chapter 5J — 17) of the Florida Administrative Code. A digitally signed and sealed surveyor's report in Portable Document Format (PDF) will be provided.

TASK 1.1 Deliverables:

- Digital Copy of Survey (PDF, AutoCAD)
- Digital Copy of Subsurface Survey (PDF, AutoCAD Civil3D)
- Digital Copy of Geotechnical Report (PDF)

TASK 1.2 - Design

CONSULTANT will perform the detailed design of LS 8119. The design will include a LS relocation site assessment technical memorandum and three (3) design submittals at 60%, 90% and 100% design completion milestones as defined below. CONSULTANT will perform internal Quality Assurance/Quality Control (QA/QC) reviews and constructability reviews at the 60%, 90% and 100% design completion milestones. PBCWUD will provide review comments of the 60% and 90% design submittals to CONSULTANT within ten (10) business days from receipt of each submittal. CONSULTANT will provide 100% design completion contract documents upon receipt of PBCWUD's comments on the 90% design completion submittal. CONSULTANT will prepare an opinion of probable construction cost at the 60%, 90% and 100% design completion milestones.

The design for the relocated LS 8119 will, in general, include the following:

- Assessment of two (2) location options for the relocation of LS 8119 to the ROW west of 225 SW 12th St. or to the south west ROW boundary of 380 SW 12th St.
- Include vendor coordination for the design of a factory – manufactured odorless pump station (MOPS) – assembly to be integrated with CONSULTANT design.
- Modification of LS 8119 piping shall include pump station suction and discharge piping relocations as well as the relocation of the pump station bypass piping.
- Discharge piping of 6-inch from the new relocated LS, including a directional drill along MLK Blvd. to connect to the 16-inch FM on the west ROW of SR 715.
- Pump selection, sizing and configuration will be based on wastewater pumping capacities determined in the Mock, Roos & Associates, Inc LS 8119 Analysis Technical Memorandum dated June 18, 2025 as provided and directed by PBCWUD.
- Coordination with FP&L electrical service to provide the necessary electrical support to the Lift Station.
- Demolition of the existing LS 8119.

1.2.1 Relocation Site Assessment Technical Memorandum

The CONSULTANT will evaluate two (2) LS site alternatives for the relocation of LS 8119 as depicted in Project Area Map (Attachment G) and document the findings in a technical memorandum. CONSULTANT will investigate easement requirements for relocation options of LS 8119 to determine if any easements are needed for each option.

1.2.2. 60% Design Submittal

CONSULTANT will prepare and submit drawings to PBCWUD. These drawings will consist of a conceptual design for review by PBCWUD. A preliminary estimate of probable construction cost will be prepared and submitted. CONSULTANT will attend one (1) review meeting with PBCWUD staff to discuss comments after the 60% submittal.

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1.2.3 90% Design Submittal

CONSULTANT will prepare and submit required drawings to PBCWUD. These drawings will incorporate comments received at the 60% design review. Additionally, these drawings will incorporate all the details and information necessary for permitting and the completion of the project for a final review. An estimate of probable construction cost will be prepared and submitted. CONSULTANT will attend one (1) review meeting with PBCWUD staff to discuss comments after the 90% submittal.

1.2.4 Final Submittal (100% Design Submittal)

CONSULTANT will utilize the 90% plan and permitting reviews to prepare the bid set of construction documents. CONSULTANT will produce required set of drawings for construction by a PBCWUD Consultants' Competitive Negotiation Act (CCNA) selected contractor. An opinion of probable construction cost will be submitted.

TASK 1.2 Deliverables:

- Digital Copy of Relocation Site Assessment Technical Memorandum (PDF)
- 60% drawings (PDF and AutoCADD), and cost estimate (PDF and Microsoft Excel)
- 90% drawings (PDF and AutoCADD), and cost estimate (PDF and Microsoft Excel)
- 100% drawings (PDF and AutoCADD), and cost estimate (PDF and Microsoft Excel)

TASK 1.3 - Permitting Services

CONSULTANT will provide written descriptions, and design data in support of applications for permits with or obtaining approvals of such governmental authorities as have jurisdiction to approve the design of the project. The 90% design will be submitted for permitting. Permitting comments will be incorporated into the final 100% design submittal.

CONSULTANT will prepare and submit, on behalf of PBCWUD, construction permit applications and required support documentation to the following regulatory agencies:

- A. Florida Department of Environmental Protection (Pump Station Construction Permit)
- B. Florida Department of Health in Palm Beach County (Pump Station Construction Permit)
- C. Florida Department of Transportation District 4 ROW
- D. City of Belle Glade ROW
- E. Florida East Coast Railway

All associated permit application and filing fees shall be determined by CONSULTANT and paid by PBCWUD. In addition to the preparing permit applications for each of the above regulatory agencies, CONSULTANT shall assist PBCWUD in consultations with the appropriate authorities, including the attendance at one (1) review meeting with the Staff of each agency.

TASK 1.3 Deliverables:

- Permit applications, permitting comment response letters, and approved permits (PDF)

TASK 1 - ASSUMPTIONS

This Authorization scope of services is based on the following assumptions:

- A. PBCWUD staff will provide hydraulic criteria of force main pressures, flows and pipe sizes.
- B. PBCWUD shall provide available record drawings and GIS shapefiles associated with LS 8119, utilities in the proposed lift station relocation areas, along SW 12th St, MLK Blvd

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- and the connection point with the 16-inch FM on the south west corner of the intersection of State Road 715 and MLK Blvd.
- C. C Solutions will not provide hydraulic evaluations or modeling as part of this agreement.
 - D. It is assumed that PBCWUD will provide written comments within ten (10) business days of receipt of a submittal.
 - E. Maintenance of Traffic (MOT) plans, if required, will be provided by the CONTRACTOR
 - F. Easement acquisition is not anticipated and is not included in this Authorization. If necessary, PBCWUD will provide or obtain easements.
 - G. No technical specifications will be developed, reviewed, or revised under this Scope of Services. PBCWUD will utilize all technical specifications through its CCNA contracts.

TASK 2 – 6-INCH WATER MAIN ABANDONMENT

TASK 2.1 Site Investigation and Coordination

2.1.1 Existing Utility Coordination:

CONSULTANT will review all existing reports, record drawings, design plans, utility atlases, and Geographic Information System (GIS) data for the project area as provided by PBCWUD. CONSULTANT shall perform a Sunshine One design ticket call, send letters to all identified utilities, and collect utility location information to identify potential conflicts with the abandonment of the existing 6-inch WM along State Market Road and East Main Street. CONSULTANT shall conduct up to three (3) field visits to assess the existing conditions of the project area.

CONSULTANT will coordinate with PBCWUD Operations and Maintenance (O&M) staff to develop a valve exercising plan that the contractor will perform in order to verify the service line connections that are to be transferred from the 6-inch WM to the new 12-inch WM.

2.1.2 Topographic Survey:

CONSULTANT will perform a topographical and boundary survey of water service connection locations identified along the project water main that will be relocated from the existing 6-inch to the new 12-inch water main for the purpose of locating existing structures, obstructions, landscaping and utilities on site. The site survey will include up to 25 service connection locations within the limits of the FDOT right-of-way. PBCWUD will only pay for the survey locations that are completed.

A. Obtain horizontal and vertical control utilizing Florida state plane 83/90 adjustment Horizontal Datum and NAVD 88 Vertical Datum along the project corridor (approximately 26,400 linear feet).

B. Prepare a Topographic Survey as defined in Rule 5J-17.050 of the Standards of Practice adopted by the Board of Professional Surveyors and Mappers. In particular, the survey will depict the following information:

1. Topography at major ground elevation changes to depict existing ground profile at proposed project area.

a. Location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences and power poles.

b. Location of above ground existing utilities: FP&L, BellSouth, Cable TV, Natural Gas, Potable Water (valves, fire hydrants, and meters), Force Mains

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(valves), Sanitary Sewer, Reclaimed Water Mains (valves), Storm Sewers, including invert elevations, pipe size, type and direction for storm and sanitary infrastructure and the location of the underground utility locates as marked in the field by others.

c. Elevations shall be obtained at 25 foot stations within each site to indicate existing grades. Intermediate grades shall be indicated at all significant grade breaks.

d. Provide and reference benchmarks. Elevations to be referenced to an existing established City or County Benchmark.

2. Provide a PDF file digitally signed and sealed by a registered land surveyor at 1" = 20' scale and digital survey and drawing information compatible with AutoCAD Civil 3D Version 2025.

2.1.3 Underground Utility Locates:

CONSULTANT shall verify key underground piping and other utilities by excavating selected locations via soft digs and obtain spot elevations of underground piping of those locations requested to establish as-built elevations necessary for the design of 6-inch water service connection relocations and 6-inch abandonment. A total of up to 25 test holes and spot elevations are included as part of this Task. PBCWUD will only pay for the soft digs that are completed.

A. Provide Locates:

Provide utility location and verification services along SW 12th St., MLK Blvd. and SW 16th St. Using American Public Works Association (APWA) standards for marking. Electromagnetic induction (EM) and Ground Penetrating Radar (GPR) will be utilized to perform/verify horizontal locations of existing tone able and non-tone able utilities. Lines will be painted on the ground or pin flags set to show said lines on the surface for the use of the Utility Test Hole Crew.

B. Utility Test Holes (Soft Digs):

Utility test holes (soft digs) will be performed, and reports provided for each with utility depth, elevation, size, material and type. The test holes will be performed based on the direction of the project engineer and limited to 25 test holes.

C. Map Of Specific Purpose Survey:

Survey will physically locate the test holes performed under Task 2.1.3.B above and complete a Test Hole Report for each. Said reports will be included in a Map of Specific Purpose Survey (Surveyor's Report) prepared for the project. The test hole number, utility description, size, material, baseline station and offset (left or right), existing ground elevation, top of pipe elevation and misc. comments will be noted in said reports. The survey will be prepared in AutoCAD Civil 3D format. The Certified Map of Specific Purpose Survey will adhere to the Standards of Practice for Surveying, (Chapter 5J — 17) of the Florida Administrative Code. A digitally signed and sealed surveyor's report (PDF) will be provided.

TASK 2.1 Deliverables:

- Digital Copy of Survey (PDF, AutoCAD)
- Digital Copy of Subsurface Survey (PDF, AutoCAD Civil3D)

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TASK 2.2 - Design

CONSULTANT will perform the detailed design of the 6-inch water main abandonment and associated relocation of service connections to the new 12-inch water main. The design will include three (3) design submittals at 60%, 90% and 100% design completion milestones as defined below. CONSULTANT will perform internal QA/QC reviews and constructability reviews at the 60%, 90% and 100% design completion milestones. PBCWUD will provide review comments of the 60% and 90% design submittals to CONSULTANT within ten (10) business days from receipt of each submittal. CONSULTANT will provide 100% design completion contract documents upon receipt of PBCWUD's comments on the 90% design completion submittal. CONSULTANT will prepare an opinion of probable construction cost at the 60%, 90% and 100% design completion milestones.

The design for the 6-inch water main abandonment will, in general, include the following:

- Transferring water service and fire hydrant connections that are currently connected to the old existing 6-inch to the new 12-inch water main.
- Grouting of existing 6-inch at each connection to abandon in place.

2.2.1 60% Design Submittal

CONSULTANT will prepare and submit drawings to PBCWUD. These drawings will consist of a conceptual design for review by PBCWUD. A preliminary estimate of probable construction cost will be prepared and submitted. CONSULTANT will attend one (1) review meeting with PBCWUD staff to discuss comments after the 60% submittal.

2.2.2 90% Design Submittal

CONSULTANT will prepare and submit required drawings to PBCWUD. These drawings will incorporate comments received at the 60% design review. Additionally, these drawings will incorporate all the details and information necessary for permitting and the completion of the project for a final review. An estimate of probable construction cost will be prepared and submitted. CONSULTANT will attend one (1) review meeting with PBCWUD staff to discuss comments after the 90% submittal.

2.2.3 Final Submittal (100% Design Submittal)

CONSULTANT will utilize the 90% plan and permitting reviews to prepare the bid set of construction documents. CONSULTANT will produce required set of drawings for construction by a PBCWUD Consultants' Competitive Negotiation Act (CCNA) selected contractor. An opinion of probable construction cost will be submitted.

TASK 2.2 Deliverables:

- 60% drawings (PDF and AutoCADD), and cost estimate (PDF and Microsoft Excel)
- 90% drawings (PDF and AutoCADD), and cost estimate (PDF and Microsoft Excel)
- 100% drawings (PDF and AutoCADD), and cost estimate (PDF and Microsoft Excel)

TASK 2.3 - Permitting Services

CONSULTANT will provide written descriptions, and design data in support of applications for permits with or obtaining approvals of such governmental authorities as have jurisdiction to approve the design of the project. The 90% design will be submitted for permitting. Permitting comments will be incorporated into the final 100% design submittal. CONSULTANT will prepare and submit, on behalf of PBCWUD, construction permit applications and required support documentation to the following regulatory agencies:

- A. Florida Department of Environmental Protection

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- B. Florida Department of Health in Palm Beach County
- C. Florida Department of Transportation District 4 ROW
- D. Palm Beach County ROW
- E. City of Pahokee ROW

All associated permit application and filing fees shall be determined by CONSULTANT and paid by PBCWUD. In addition to preparing permit applications for each of the above regulatory agencies, CONSULTANT shall assist PBCWUD in consultations with the appropriate authorities, including the attendance at one (1) review meeting with the Staff of each agency.

TASK 2.3 Deliverables:

- Permit applications, permitting comment response letters, and approved permits (PDF)

TASK 2 - ASSUMPTIONS

This Authorization scope of services is based on the following assumptions:

- A. PBCWUD shall provide available record drawings and GIS shapefiles associated with the 6-inch water main to be abandoned, new 12-inch water main and service connections to be relocated.
- B. PBCWUD O&M staff shall assist in verification of service connection locations by performing valve exercising as requested by the CONSULTANT.
- C. C Solutions will not provide hydraulic evaluations or modeling as part of this agreement.
- D. It is assumed that PBCWUD will provide written comments within ten (10) business days of receipt of a submittal.
- E. MOT plans, if required, will be provided by the CONTRACTOR.
- F. Easement acquisition is not anticipated and is not included in this Authorization. If necessary, PBCWUD will provide or obtain easements.
- G. No technical specifications will be developed, reviewed, or revised under this Scope of Services. PBCWUD will utilize all technical specifications through its CCNA contracts.

REVISED 08-25-25

ATTACHMENT C

OEBO SCHEDULE 1

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1*

SOLICITATION/PROJECT/BID NAME: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

SOLICITATION/PROJECT/BID NO.: 25-043

SOLICITATION OPENING/SUBMITTAL DATE: December 19, 2023

COUNTY DEPARTMENT: PBCWUD

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: C Solutions, Inc.

ADDRESS: 601 N. Congress Ave., Suite 104B, Delray Beach, FL 33445

CONTACT PERSON: Kristin Hink

PHONE NO.: 954-804-5505

E-MAIL: khink@csolutions-us.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$166,567.50

Non-SBE

SBE

SBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK
	Non-SBE	SBE	
1. Dennis J. Leavy & Associates, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$75,459.92</u>
2. WIRX Engineering LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$12,445.34</u>
3. Craig A. Smith & Associates, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>\$19,705.00</u>
4. Engineered Design Services LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>\$8,820.96</u>
5.	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>

(Please use additional sheets if necessary)

Total Bid/Offer Price \$ \$282,998.72

Total \$116,431.22

Total Certified SBE Participation \$ \$263,293.72

I hereby certify that the above information is accurate to the best of my knowledge:



Mark Drummond

President

Name & Authorized Signature

Title

- Note:**
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
 - Modification of this form is not permitted and will be rejected upon submittal.
 - If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.

ATTACHMENT C

OEBO SCHEDULE 2

Office of Equal Business Opportunity Compliance Programs

REVISED 08-25-25

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. All Subcontractors/subconsultants, including any tiered Subcontractors/ subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 25-043

SOLICITATION/PROJECT NAME: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

Prime Contractor: C Solutions, Inc. Subcontractor: C Solutions, Inc.

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 2/10/23-2/9/26

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Water Utility Distribution & Wastewater Collection System	\$166,567.50	1	\$0.00	\$166,567.50

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: \$170,910.00

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.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

C Solutions, Inc.
 Print Name of Prime

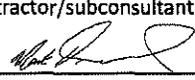
By: 
 Authorized Signature

Mark Drummond, PE, BCEE
 Print Name

President
 Title

Date: November 19, 2025

C Solutions, Inc.
 Print Name of Subcontractor/subconsultant

By: 
 Authorized Signature

Mark Drummond, PE, BCEE
 Print Name

President
 Title

Date: November 19, 2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

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. All Subcontractors/subconsultants, including any tiered Subcontractors/ subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 25-043
 SOLICITATION/PROJECT NAME: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

Prime Contractor: C Solutions, Inc. Subcontractor: Dennis J. Leavy & Associates, Inc.
(Check box(s) that apply)

SBE Non-SBE Supplier Date of Palm Beach County Certification (if applicable): 2/25/25 thru 2/24/28

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Land Surveying Services	\$75,459.92	1		\$75,459.92

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: \$75,459.92

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.

_____ Price or Percentage: _____
 Name of 2nd/3rd tier Subcontractor/subconsultant

C Solutions, Inc.
 Print Name of Prime
 By: _____
 Authorized Signature

Dennis J. Leavy & Associates, Inc.
 Print Name of Subcontractor/subconsultant
 By: David A. Bower
 Authorized Signature

Mark Drummond, PE, BCEE
 Print Name
 President
 Title
 Date: November 19, 2025

David A. Bower
 Print Name
 President
 Title
 Date: November 19, 2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

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. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 25-043

SOLICITATION/PROJECT NAME: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

Prime Contractor: C Solutions, Inc.

Subcontractor: WIRX Engineering LLC

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 4/17/2023-4/16/2026

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Geological and Geophysical Studies	\$12,445.34	1		\$12,445.34

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: \$12,445.34

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.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

C Solutions, Inc.

Print Name of Prime

By: 
Authorized Signature

Mark Drummond, PE, BCEE

Print Name

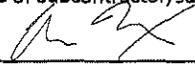
President

Title

Date: November 19, 2025

WIRX Engineering, LLC

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Andrew Nixon, PE

Print Name

Managing Partner

Title

Date: October 15, 2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

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. All Subcontractors/subconsultants, including any tiered Subcontractors/ subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 25-043

SOLICITATION/PROJECT NAME: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

Prime Contractor: C Solutions, Inc. Subcontractor: Craig A. Smith & Associates, LLC

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): NA

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Subsurface Utility Engineering	\$19,705.00	1		\$19,705.00

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: \$19,705.00

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.

_____ Price or Percentage: _____
 Name of 2nd/3rd tier Subcontractor/subconsultant

C Solutions, Inc.

Print Name of Prime

By: [Signature]
 Authorized Signature

Mark Drummond, PE, BCEE

Print Name

President

Title

Date: November 19, 2025

Craig A. Smith & Associates, LLC

Print Name of Subcontractor/subconsultant

By: [Signature]
 Authorized Signature

ROBERT D. KEBNER

Print Name

Authorized Member (AMBR)

Title

Date: OCTOBER 13, 2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

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. All Subcontractors/subconsultants, including any tiered Subcontractors/ subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 25-043

SOLICITATION/PROJECT NAME: Lift Station 8119 Improvements and 6-inch Water Main Abandonment Along State Market Road

Prime Contractor: C Solutions, Inc.

Subcontractor: Engineered Design Services LLC

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 11/1/24 to 10/31/27

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Electrical Engineering	\$8,820.96	1		\$8,820.96

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: \$8,820.96

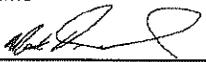
If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

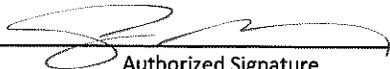
_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

C Solutions, Inc.
Print Name of Prime

Engineered Design Services LLC
Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

By: 
Authorized Signature

Mark Drummond, PE, BCEE
Print Name

Craig McKenzie, PE
Print Name

President
Title

Manager
Title

Date: November 19, 2025

Date: October 13, 2025

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

ATTACHMENT D

PROJECT SCHEDULE

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice to Proceed).

<u>Engineering Services</u>	<u>Completion Date from Notice to Proceed</u> (Calendar Days)
Task No. 1.1 - Site Investigation and Coordination	90
Task No. 1.2 - Design	270
Task No. 1.3 – Permitting Services	370
TASK 1 TOTAL PROJECT DURATION	370
Task No. 2.1 - Site Investigation and Coordination	90
Task No. 2.2 - Design	270
Task No. 2.3 – Permitting Services	370
TASK 2 TOTAL PROJECT DURATION	370
TOTAL PROJECT DURATION	370

Assumptions:

- Ten (10) business days review time by PBCWUD after each submittal.

REVISED 08-25-25

Attachment E

Palm Beach County Water Utilities Department
 Contract for Consulting/Professional Services: Utility Distribution & Collection System Engineering Services
 Resolution No.: 83023-188 Contract Dated: 12/19/2023
 Consultant: C Solutions, Inc.
 Project Title: Lift Station B19 Improvements and 6-inch Water Main Abandonment Along State Market Road
 P&CWD Project No.: 25-043

Task Number	Task Description	Labor Classification & Hourly Rate											TOTAL COST
		Project Director (\$/hr)	Senior Technical Expert (\$/hr)	Senior Project Manager (\$/hr)	Project Manager (\$/hr)	Engineer III (\$/hr)	Engineer II (\$/hr)	Senior Designer (\$/hr)	Designer (\$/hr)	Sr. Admin (\$/hr)	Consultant Total Hours	Per Task Total Amount	
1.1	Site Investigation and Coordination	2				16				40	\$ 7,590.00	\$ 7,590.00	\$ 7,590.00
1.1.1	Existing Utility Coordination					16				40	\$ 1,050.00	\$ 12,445.34	\$ 13,495.34
1.1.2	Geotechnical Investigation					4				5	\$ 1,050.00	\$ 12,445.34	\$ 13,495.34
1.1.3	Topographic Survey					4				5	\$ 1,050.00	\$ 12,445.34	\$ 13,495.34
1.1.4	Underground Utility Locates					5				7	\$ 1,425.00	\$ 11,115.00	\$ 12,540.00
1.2	Design					16				57	\$ 11,115.00	\$ 12,445.34	\$ 23,560.34
1.2.1	Relocation Site Assessment Technical Memorandum					28				44	\$ 8,340.00	\$ 8,340.00	\$ 8,340.00
1.2.2	60% Design Submittal					7				193	\$ 26,472.50	\$ 26,472.50	\$ 31,153.88
1.2.3	90% Design Submittal					6				138	\$ 18,682.50	\$ 18,682.50	\$ 21,244.74
1.2.4	Final Submittal (100% Design Submittal)					4				48	\$ 6,817.50	\$ 6,817.50	\$ 7,485.52
1.3	Permitting Services					4				124	\$ 18,855.00	\$ 18,855.00	\$ 68,215.34
1.3.1	Subtotal Task 1.3					4				124	\$ 18,855.00	\$ 18,855.00	\$ 68,215.34
2	6-INCH WATER MAIN ABANDONMENT					30				604	\$ 90,247.50	\$ 12,445.34	\$ 102,692.84
2.1	Site Investigation and Coordination	2				24				58	\$ 10,800.00	\$ 10,800.00	\$ 10,800.00
2.1.1	Existing Utility Coordination					24				58	\$ 10,800.00	\$ 10,800.00	\$ 10,800.00
2.1.2	Topographic Survey					3				6	\$ 1,147.50	\$ 55,255.93	\$ 56,403.43
2.1.3	Underground Utility Locates					4				13	\$ 2,475.00	\$ 16,325.00	\$ 18,800.00
2.2	Design					37				183	\$ 25,162.50	\$ 25,162.50	\$ 25,162.50
2.2.1	60% Design Submittal					8				183	\$ 25,162.50	\$ 25,162.50	\$ 25,162.50
2.2.2	90% Design Submittal					6				177	\$ 15,620.00	\$ 15,620.00	\$ 16,620.00
2.2.3	Final Submittal (100% Design Submittal)					1				49	\$ 5,960.00	\$ 5,960.00	\$ 6,960.00
2.3	Permitting Services					4				84	\$ 13,155.00	\$ 13,155.00	\$ 48,742.50
2.3.1	Subtotal Task 2.3					4				84	\$ 13,155.00	\$ 13,155.00	\$ 48,742.50
2.4	Permitting Services					32				520	\$ 76,320.00	\$ 76,320.00	\$ 147,906.93
2.4.1	Subtotal Task 2.4					32				520	\$ 76,320.00	\$ 76,320.00	\$ 147,906.93
3	Consultant Eng. (Not to Exceed Fee)					25				1124	\$ 166,567.50	\$ 12,445.34	\$ 179,012.84
3.1	Labor Sub-Total					25				1124	\$ 166,567.50	\$ 12,445.34	\$ 179,012.84
3.2	Labor Raw Cost					\$100.00							
3.3	Labor Multiplier					3				3			
3.4	Labor Sub-Total Hours					62				34			
3.5	Consultant Eng. (Not to Exceed Fee)					\$177,670.00							
3.6	Total Consultant Eng. Fee					\$166,567.50							
3.7	Subtotal Consultant Eng. Fee					\$166,567.50							
3.8	Subtotal Consultant Eng. Fee					\$166,567.50							
3.9	Subtotal Consultant Eng. Fee					\$166,567.50							
3.10	Subtotal Consultant Eng. Fee					\$166,567.50							
3.11	Subtotal Consultant Eng. Fee					\$166,567.50							
3.12	Subtotal Consultant Eng. Fee					\$166,567.50							
3.13	Subtotal Consultant Eng. Fee					\$166,567.50							
3.14	Subtotal Consultant Eng. Fee					\$166,567.50							
3.15	Subtotal Consultant Eng. Fee					\$166,567.50							
3.16	Subtotal Consultant Eng. Fee					\$166,567.50							
3.17	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.20	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.26	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.28	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.31	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.33	Subtotal Consultant Eng. Fee					\$166,567.50							
3.34	Subtotal Consultant Eng. Fee					\$166,567.50							
3.35	Subtotal Consultant Eng. Fee					\$166,567.50							
3.36	Subtotal Consultant Eng. Fee					\$166,567.50							
3.37	Subtotal Consultant Eng. Fee					\$166,567.50							
3.38	Subtotal Consultant Eng. Fee					\$166,567.50							
3.39	Subtotal Consultant Eng. Fee					\$166,567.50							
3.40	Subtotal Consultant Eng. Fee					\$166,567.50							
3.41	Subtotal Consultant Eng. Fee					\$166,567.50							
3.42	Subtotal Consultant Eng. Fee					\$166,567.50							
3.43	Subtotal Consultant Eng. Fee					\$166,567.50							
3.44	Subtotal Consultant Eng. Fee					\$166,567.50							
3.45	Subtotal Consultant Eng. Fee					\$166,567.50							
3.46	Subtotal Consultant Eng. Fee					\$166,567.50							
3.47	Subtotal Consultant Eng. Fee					\$166,567.50							
3.48	Subtotal Consultant Eng. Fee					\$166,567.50							
3.49	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.60	Subtotal Consultant Eng. Fee					\$166,567.50							
3.61	Subtotal Consultant Eng. Fee					\$166,567.50							
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3.65	Subtotal Consultant Eng. Fee					\$166,567.50							
3.66	Subtotal Consultant Eng. Fee					\$166,567.50							
3.67	Subtotal Consultant Eng. Fee					\$166,567.50							
3.68	Subtotal Consultant Eng. Fee					\$166,567.50							
3.69	Subtotal Consultant Eng. Fee					\$166,567.50							
3.70	Subtotal Consultant Eng. Fee					\$166,567.50							
3.71	Subtotal Consultant Eng. Fee					\$166,567.50							
3.72	Subtotal Consultant Eng. Fee					\$166,567.50							
3.73	Subtotal Consultant Eng. Fee					\$166,567.50							
3.74	Subtotal Consultant Eng. Fee					\$166,567.50							
3.75	Subtotal Consultant Eng. Fee					\$166,567.50							
3.76	Subtotal Consultant Eng. Fee					\$166,567.50							
3.77	Subtotal Consultant Eng. Fee					\$166,567.50							
3.78	Subtotal Consultant Eng. Fee					\$166,567.50							
3.79	Subtotal Consultant Eng. Fee					\$166,567.50							
3.80	Subtotal Consultant Eng. Fee					\$166,567.50							
3.81	Subtotal Consultant Eng. Fee					\$166,567.50							
3.82	Subtotal Consultant Eng. Fee					\$166,567.50							
3.83	Subtotal Consultant Eng. Fee					\$166,567.50							
3.84	Subtotal Consultant Eng. Fee					\$166,567.50							
3.85	Subtotal Consultant Eng. Fee					\$166,567.50							
3.86	Subtotal Consultant Eng. Fee					\$166,567.50							
3.87	Subtotal Consultant Eng. Fee												

ATTACHMENT F

Palm Beach County Water Utilities Department
 Contract for Consulting/Professional Services
*Consulting Professional Services for Utility Distribution & Collection System
 Engineering Services*
 Resolution No. R2023-1868 Contract Dated December 19, 2023

**SUMMARY OF
 SBE BUSINESS TRACKING**

Master Contract Participation	SBE: 91%
Current Proposal	
Value of Authorization No. <u>1</u>	\$282,998.72
Value of SBE Letters of Intent	\$263,293.72
Actual Percentage	93.03%
Signed/Approved Authorizations	
Total Value of Authorizations	\$0
Total Value of SBE Signed Subcontractors	\$0
Actual Percentage	0%
Signed/Approved Authorizations Plus Current Proposal	
Total Value of Authorization	\$282,998.72
Total Value of Subcontractors & Letters of Intent	\$263,293.72
Actual Percentage	93.03%

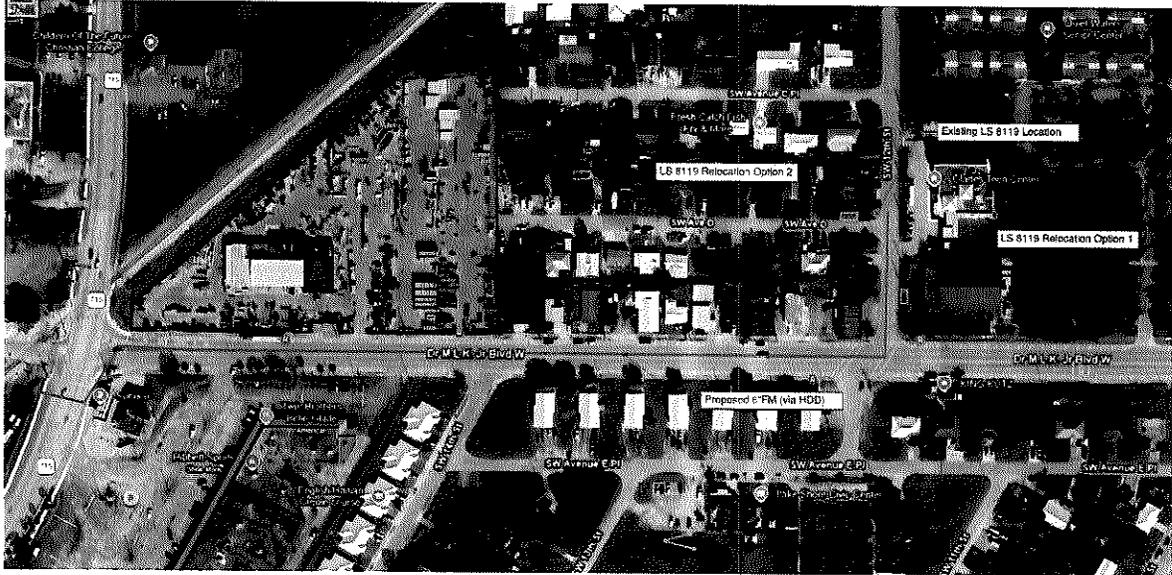
REVISED 08-25-25

ATTACHMENT G

Location Map

PBCWUD Project No. 25-043

Task 1 - Lift Station 8119 Location



REVISED 08-25-25

Task 2 – 6-Inch Water Main Abandonment Location



REVISED 08-25-25

SUBCONSULTANT PROPOSALS



September 23, 2025

C Solutions Inc.
601 N. Congress Ave., Suite 104B
Delray Beach, FL 33445

Attention: Kristin Hink
Email: khink@csolutions-us.com

**Subject: Proposal for Geotechnical Engineering Services
PBCWUD LS 8119 Relocation Project
Palm Beach County, Florida
WIRX Proposal No.: 25-P-079
PBC WUD Project No.: 23-025**

Dear Kristin Hink,

WIRX Engineering, LLC (WIRX) is pleased to submit this proposal for the above-referenced project. We understand that it is proposed to relocate the existing Lift Station (LS) 8119. In addition, approximately 1,500 feet of forcemain will be installed beneath Dr. M.L.K Jr. Blvd. using the horizontal directional drilling installation technique. This proposal presents our proposed scope of work and establishes our schedule and fee for performing the work.

SCOPE OF SERVICES

The proposed scope of work for the project consists of the following:

1. Visit the site to field stake/mark the planned boring locations, and observe the existing site conditions.
2. Contact Sunshine 811 to request field location and clearance of underground utilities in the area of the test boring as per Florida Statutes. See below for further details.
3. Prepare a Temporary Traffic Control Plan and implement it during our field exploration for traffic control and safety purposes in accordance with the FDOT Standard Plans for Road Construction. See below for further details.
4. Mobilize a track-mounted drill rig and personnel.
5. At the proposed well site, perform one (1) Standard Penetration Test (SPT) boring to a depth of 20 feet below the existing ground surface in accordance with ASTM D-1586. Following completion of the drilling and testing, the borehole will be backfilled with grout.
6. Along the proposed forcemain, perform one (1) SPT boring to a depth of 20 feet below the existing ground surface in accordance with ASTM D-1586. Following completion of the drilling and testing, the borehole will be backfilled with grout.

515 E. Las Olas Boulevard, Suite 120 | Fort Lauderdale, FL 33301
Offices: Palm Beach & Broward Counties
A Certified SBE, DBE, and MBE Firm

7. Visually classify the collected soil samples using the Unified Soil Classification System (USCS). Assign and perform a series of laboratory tests to ascertain soil index properties (moisture content, Atterberg Limits, organic content, grain size, and percent fines) for the soils encountered in the boring. All tests will be performed in accordance with the relevant American Society for Testing and Materials (ASTM) test methods.
8. Perform appropriate geotechnical engineering analyses and prepare a geotechnical engineering report providing the results of the SPT borings, the soil laboratory testing, and geotechnical related construction recommendations.

It is our understanding that our work is being performed within the Palm Beach County right-of-way and that a Right-of-Way Construction (or similar) permit will not be needed. A Temporary Traffic Control Plan will be prepared and implemented during our field exploration for safety purposes. If a permit is required, please notify us and we will revise our fee estimate accordingly.

Prior to the mobilization of the drilling equipment, WIRX will notify Sunshine State One-Call of Florida, Inc. (SSOCOF) of the planned exploration to allow affected utility companies the opportunity to mark the location of buried utility lines in the proposed exploration areas. The locating process will require a lead time of 3 to 5 business days. WIRX cannot take responsibility for damage to private underground lines or structures and/or underground services which do not subscribe to SSOCOF; their locations should be provided by the Client prior to commencement of the fieldwork. For further assurance, a private underground utility locator should be retained to scan the proposed test locations using ground penetrating radar technology.

SCHEDULE/DELIVERABLES

Weather conditions permitting, we will start the field exploration program within 6 weeks after receiving written authorization to proceed. We preliminarily estimate that our field work will have a duration of 1 day. Laboratory testing will require about 2 weeks to complete following completion of the field work. We expect to provide the final report signed and sealed by a registered professional engineer within 8 weeks; however, accelerations of this schedule may be facilitated, if needed.

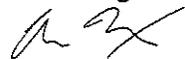
COMPENSATION & TERMS

Based upon our understanding of the project and interpretation of your requirements, we propose to perform the scope of work outlined previously for a lump sum fee of **\$12,445.34**, as outlined in Attachment A - Fee Breakdown.

CLOSURE

WIRX appreciates the opportunity to provide our services for this project, and trust that the scope of work and fee presented in this proposal are clear and understandable. Should the proposal contents require any clarification or amplification, please feel free to contact us.

Sincerely,
WIRX Engineering, LLC



Andrew Nixon, P.E.
AndrewNixon@wirxeng.com
Mobile: (561) 762-8918

Attachments: A – Fee Breakdown





Attachment A - Fee Breakdown

**PBCWUD LS 8119 Relocation Project
Palm Beach County, Florida
WIRX Proposal No.: 25-P-079**

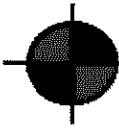
			Qty		Unit Price	Total
1.0 FIELD EXPLORATION						
1.1 <u>Field & Utility Coordination</u>						
1.1.1 Project Engineer			6	Hour	\$ 165.00	\$ 990.00
1.2 <u>TTC Plan & Implementation</u>						
1.2.1 TTC Plan - Project Engineer			4	Hour	\$ 165.00	\$ 660.00
1.2.2 TTC Support Vehicle*			2	Hour	\$ 120.61	\$ 241.22
1.2.3 TTC Portable Sign (2 per day)*			2	Each	\$ 56.11	\$ 112.22
1.2.4 TTC Cones (30 per day)*			30	Each	\$ 16.43	\$ 492.90
1.3 <u>Equipment Mobilization</u>						
1.3.1 Truck Mount (51-100 Miles)			1	Each	\$ 650.00	\$ 650.00
1.3.2 Support Vehicle			1	Day	\$ 275.00	\$ 275.00
1.4 <u>SPT Borings (2 to 20')</u>						
1.4.1 Standard Penetration Tests (0' - 50')			40	Foot	\$ 22.00	\$ 880.00
1.4.2 Temporary Casing (0' - 50')			40	Foot	\$ 12.00	\$ 480.00
1.4.3 Borehole Grouting (0' - 50')			40	Foot	\$ 9.00	\$ 360.00
1.5 <u>MOT Supervisor, Field Supervision & Logging (1 day)</u>						
1.5.1 Staff Engineer			8	Hour	\$ 135.00	\$ 1,080.00
					TOTAL FIELD WORK	\$ 6,221.34
	Raw Rate	Multiplier				
2.0 LABORATORY TESTING SERVICES						
2.1 Project Engineer	\$55.00	3.0	2	Hour	\$ 165.00	\$ 330.00
2.2 Moisture Content - 2 per boring			4	Test	\$ 25.00	\$ 100.00
2.3 Fines Content - 1 per boring			2	Test	\$ 55.00	\$ 110.00
2.4 Organic Content - 1 per boring			2	Test	\$ 65.00	\$ 130.00
					TOTAL LABORATORY SERVICES	\$ 670.00
3.0 PROFESSIONAL ENGINEERING AND REPORTING SERVICES						
3.1 Senior Engineer	\$61.67	3.0	2	Hour	\$ 185.00	\$ 370.00
3.2 Project Engineer	\$55.00	3.0	8	Hour	\$ 165.00	\$ 1,320.00
3.3 Staff Engineer	\$45.00	3.0	24	Hour	\$ 135.00	\$ 3,240.00
3.4 CADD Operator	\$26.00	3.0	8	Hour	\$ 78.00	\$ 624.00
					TOTAL PROFESSIONAL SERVICES	\$ 5,554.00
					TOTAL AMOUNT	\$ 12,445.34

Notes

*Line item not included in Fee Schedule. Mean Rates as per FDOT Consultant Wage Report (See Attached Backup)

Florida Department of Transportation
Consultant Wage Rate Report
(Table 6 Pay Item Averages from Automated Fee Proposal)
For District 4 - Ft Lauderdale

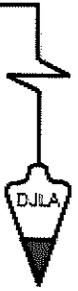
Pay Item Rate Averages For District 4 - Ft Lauderdale				
Job Class Pay Item Name	Actual Rate Percentages			Unit
	25th	Mean / Average	75th	
706-MOT Portable Sign	\$36.75	\$56.11	\$77.25	Each
708-MOT Provide Channelizing Devices - Cone	\$6.51	\$16.43	\$11.00	Each
712-MOT Support Vehicle	\$90.00	\$120.61	\$150.00	Hour
				Report Run on 9/22/2025



DENNIS J. LEAVY & ASSOCIATES, INC

Land Surveyors • Mappers

Revised: November 20, 2025
Revised: October 6, 2025
October 2, 2025



via Email: khink@csolutions-us.com

C Solutions, Inc.

Ms. Kristin Hink, P.E.

601 N. Congress Avenue, Suite 104B

Delray Beach, FL 33445

RE: PROFESSIONAL LAND SURVEYING SERVICES – LIFT STATION 8119 IMPROVEMENTS PROJECT, CITY OF BELLE GLADE AND 6" WATERMAIN ABANDONMENT ALONG STATE MARKET ROAD PROJECT, CITY OF PAHOKEE, PALM BEACH COUNTY, FLORIDA.

Ms. Hink:

In response to your request and your e-mail received by this firm on September 19, 2025, approximately 1,800 linear feet (attached hereto as EXHIBIT 'A') for professional land surveying services, we are pleased to offer the following tasks and their respective fees.

I. LIFT STATION 8119 IMPROVEMENTS PROJECT TOPOGRAPHIC SURVEY:

- A. Obtain horizontal and vertical control utilizing Florida state plane 83/90 adjustment Horizontal Datum and NAVD 88 Vertical Datum.
- B. Prepare a Topographic Survey as defined in Rule 5J-17.050 of the Standards of Practice adopted by the Board of Professional Surveyors and Mappers. In particular, the survey will depict the following information:
 1. Topography at major ground elevation changes to depict existing ground profile at proposed project area.
 - a. Location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences and power poles.
 - b. Location of above ground existing utilities: FP&L, BellSouth, Cable TV, Natural Gas, Potable Water (valves, fire hydrants, and meters), Force Mains (valves), Sanitary Sewer, Reclaimed Water Mains (valves), Storm Sewers, including invert elevations, pipe size, type and direction for storm and sanitary infrastructure and the location of the underground utility locates as marked in the field by others.
 - c. Elevations shall be obtained at 100 foot stations to indicate existing grades. Intermediate grades shall be indicated at all significant grade breaks.

460 BusinessParkWay, Suite B, Royal Palm Beach, Florida 33411 • Phone 561-753-0650
SURVEY@DJLASURVEY.net

- d. Provide and reference benchmarks. Elevations to be referenced to an existing established City or County Benchmark.
2. Provide a .pdf file digitally signed and sealed by a registered land surveyor at 1" = 20' scale and a computer disk with survey and drawing information compatible with AutoCAD Civil 3D Version 2025.

FEE FOR THE ABOVE SERVICES:.....\$20,203.99

Ms. Hink:

In response to your request and your e-mail received by this firm on September 19, 2025, up to approximately twenty five (25) individual sites each being approximately 50' x 100' (attached hereto as Exhibits 1 thru 4) for professional land surveying services, we are pleased to offer the following tasks and their respective fees.

I. 6" WATER MAIN ABANDONMENT ALONG STATE MARKET ROAD PROJECT TOPOGRAPHIC SURVEYS:

- A. Obtain horizontal and vertical control utilizing Florida state plane 83/90 adjustment Horizontal Datum and NAVD 88 Vertical Datum along the project corridor (approximately 26,400 linear feet).

FEE FOR THE ABOVE SERVICES:.....\$8,000.00

- B. Prepare a Topographic Survey as defined in Rule 5J-17.050 of the Standards of Practice adopted by the Board of Professional Surveyors and Mappers. In particular, the survey will depict the following information:

1. Topography at major ground elevation changes to depict existing ground profile at proposed project area.
 - a. Location of visible fixed improvements within the proposed project limits/right-of-way, including physical objects, drainage swales, native trees, signs, fences and power poles.
 - b. Location of above ground existing utilities: FP&L, BellSouth, Cable TV, Natural Gas, Potable Water (valves, fire hydrants, and meters), Force Mains (valves), Sanitary Sewer, Reclaimed Water Mains (valves), Storm Sewers, including invert elevations, pipe size, type and direction for storm and sanitary infrastructure and the location of the underground utility locates as marked in the field by others.
 - c. Elevations shall be obtained at 25 foot stations within each site to indicate existing grades. Intermediate grades shall be indicated at all significant grade breaks.

- d. Provide and reference benchmarks. Elevations to be referenced to an existing established City or County Benchmark.
2. Provide a .pdf file digitally signed and sealed by a registered land surveyor at 1" = 20' scale and a computer disk with survey and drawing information compatible with AutoCAD Civil 3D Version 2025.

FEE FOR THE ABOVE SERVICES:.....\$47,255.93

It is the contractors/owners responsibility to review the scope of services proposed within this contract to insure that the services required to successfully complete this project will be provided.

The following statement is required by the State of Florida Statutes:

PURSUANT TO SECTION 558.0035 OF THE FLORIDA STATUTES, AS AMENDED, AN INDIVIDUAL EMPLOYEE OR AGENT OF DENNIS J. LEAVY & ASSOCIATES, INC. MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

The above fees are subject to the following conditions:

1. This Proposal is **valid for ninety (90) calendar days** from the date which first appears on this Proposal. DJLA reserves the right to review and modify the fee(s) and/or time schedule(s) stated in this Proposal.
2. Any services not included in this Proposal will be considered Additional Services. Additional Services will be provided at the hourly rates in effect at the time the services are requested, plus reimbursable expenses or for an agreed upon lump sum fee.

These fees do not include the cost of any governmental agency submittal fee or hard costs for printing, reproductions or fees for full-time construction supervision. Representation before public bodies, review agencies, etc. will be done at applicable hourly rates. This includes, but is not limited to, any administrative processing that may be required for submittal to the various municipal and county agencies. Payment is due upon receipt of the invoice and will be considered delinquent if payment is not received within thirty (30) business days of the date of said invoice. A late payment finance charge will be assessed at the rate of 1.5% per month if payment is not received within thirty (30) business days of the invoice date.

The obligation to provide services under this Proposal may be terminated by either party upon receipt of written notice within seven (7) business days in the event of a substantial failure by the other party to perform in accordance with the terms thereof through no fault of the terminating party. In the event of termination, Dennis J. Leavy & Associates, Inc. shall be paid for all services rendered to the date of termination including all reimbursable expenses and termination expenses. Liability of this contact is limited to not exceed the fees stated herein. Revisions and/or additional services required outside of this Proposal will be invoiced as an addendum to this Proposal. Fees for revisions and/or additional services will be invoiced based on our current hourly/unit rates.

This Proposal, consisting of ten (10) pages, represents the entire understanding between **Dennis J. Leavy & Associates, Inc.** and **C Solutions, Inc.**, with respect to the project and may only be modified in writing, signed by all parties.

Thank you in giving us the opportunity to bid this project. We hope to hear from you shortly. If the terms and conditions contained herein are acceptable, please sign and return a copy of this Proposal to our office.

Should you have any questions regarding the above, please do not hesitate to contact me.

Sincerely,,

DENNIS J. LEAVY & ASSOCIATES, INC.

David A. Bower

David A. Bower, P.S.M.
President

Revised: November 20, 2025
Revised: October 6, 2025
October 2, 2025
Lift Station 8119 and 6" Water Main Abandonment Projects
Page 5

ACCEPTANCE OF PROPOSAL: The fees, terms and conditions, and specifications contained herein are satisfactory and are hereby accepted. Dennis J. Leavy & Associates, Incorporated is authorized to perform the work as specified.

RE: PROFESSIONAL LAND SURVEYING SERVICES – LIFT STATION 8119 IMPROVEMENTS PROJECT, CITY OF BELLE GLADE AND 6" WATERMAIN ABANDONMENT ALONG STATE MARKET ROAD PROJECT, CITY OF PAHOKEE, PALM BEACH COUNTY, FLORIDA.

PROPOSAL ACCEPTED BY:

Name and Title

Print Name

Firm Name

Date of Acceptance

[By executing this Proposal, I represent that I am a duly authorized representative of the Company named above and have full power and authority to approve this Proposal].

The following statement is required by the State of Florida Statutes.

PURSUANT TO SECTION 558.0035 OF THE FLORIDA STATUTES, AS AMENDED, AN INDIVIDUAL EMPLOYEE OR AGENT OF DENNIS J. LEAVY & ASSOCIATES, INC. MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

DENNIS J. LEAVY & ASSOCIATES, INC.
BUDGET SUMMARY

Palm Beach County Water Utilities Department
Project Title: Lift Station 8119 Improvements Project
WUD Project No.: 25-043
Consultant: Dennis J. Leavy & Associates, Inc.
DJLA Job #25-080-001

BUDGET SUMMARY		Labor Classification and Hourly Rate					
Task		Senior Surveyor	Professional Surveyor (PSM)	3 man Survey Crew	Survey Associate	CADD Technician	Total
Number	Task Description	\$52.86	\$47.14	\$52.86	\$37.50	\$32.14	Labor
1.1.3	Survey and Mapping	2.00	4.00	75.00	15.00	74.50	170.50
	Subtotal Task 1.1.3	2.00	4.00	75.00	15.00	74.50	
	Labor Subtotal Hours	2.00	4.00	75.00	15.00	74.50	170.50
	Labor Raw Costs	\$105.72	\$188.56	\$3,964.50	\$562.50	\$2,394.43	
	Labor Multiplier	2.8	2.8	2.8	2.8	2.8	
	Labor SubTotal	\$296.02	\$527.97	\$11,100.60	\$1,575.00	\$6,704.40	
	Labor Total	\$20,203.99					
	Project Total	\$20,203.99					

DENNIS J. LEAVY & ASSOCIATES, INC.
BUDGET SUMMARY

Palm Beach County Water Utilities Department

Project Title: 6" WM Abandonment Along State Market Road Project

WUD Project No.: 25-043

Consultant: Dennis J. Leavy & Associates, Inc.

DJLA Job #25-080-001

BUDGET SUMMARY							
Labor Classification and Hourly Rate							
Task		Senior Surveyor	Professional Surveyor (PSM)	3 man Survey Crew	Survey Associate	CADD Technician	Total
Number	Task Description	\$52.86	\$47.14	\$52.86	\$37.50	\$32.14	Labor
2.1.2	Survey and Mapping	12.00	26.00	146.00	150.00	141.00	475.00
	Subtotal Task 2.1.2	12.00	26.00	146.00	150.00	141.00	
	Labor Subtotal Hours	12.00	26.00	146.00	150.00	141.00	475.00
	Labor Raw Costs	\$634.32	\$1,225.64	\$7,717.56	\$5,625.00	\$4,531.74	
	Labor Multiplier	2.8	2.8	2.8	2.8	2.8	
	Labor SubTotal	\$1,776.10	\$3,431.79	\$21,609.17	\$15,750.00	\$12,688.87	
	Labor Total	\$55,255.93					
	Project Total	\$55,255.93					



Exhibit 4. From FEC Railroad Road to Lakeshore Drive

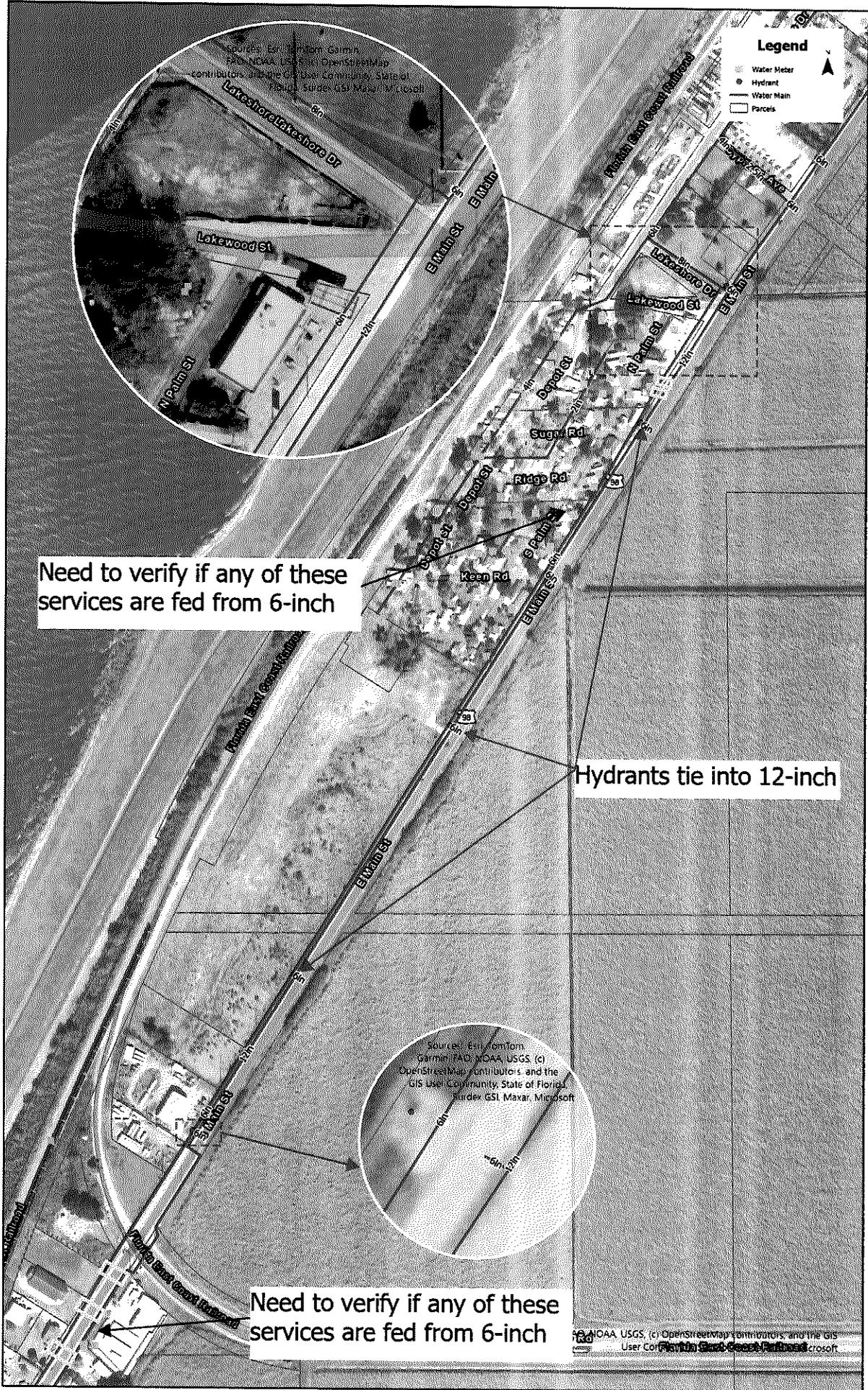


Exhibit 3. From Rock Pit Road to FEC Railroad Road



CRAIG A. SMITH & ASSOCIATES

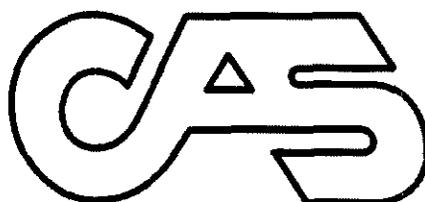
PROPOSED SCOPE OF SERVICES AND PROPOSED FEE

FOR

PROFESSIONAL SURVEYING AND UTILITY LOCATING SERVICES

**LIFT STATION 8119 RELOCATION AND 6" FORCE MAIN
INSTALLATION – BELLE GLADE
6" WATER MAIN ABANDONMENT - PAHOKEE
PALM BEACH COUNTY, FLORIDA**

DATED: September 29, 2025
REVISED: September 30, 2025



CRAIG A. SMITH & ASSOCIATES
Engineers•Surveyors•Utility Locators•Grant Specialists
1425 East Newport Center Drive, Deerfield Beach, Florida 33442
(954) 782-8222
EMAIL: BKEENER@CRAIGASMITH.COM



CRAIG A. SMITH & ASSOCIATES

PROPOSED SCOPE OF SERVICES AND PROPOSED FEE

FOR

PROFESSIONAL SURVEYING AND UTILITY LOCATING SERVICES

PROJECT NAME: Lift Station 8119 Relocation and 6" Force Main – Belle Glade/ 6"
Water Main Abandonment - Pahokee

PROPOSAL NUMBER: OCASA-0820

PROJECT DESCRIPTION: VVH with Survey Report

CLIENT: CSOLUTIONS

Attention: Ms. Kristin Hink
Address: 601 North Congress Avenue, Suite 104B
Delray Beach, Florida 33445

Phone: 954-804-5505
Email: khink@csolutions-us.com

GENERAL:

Craig A. Smith and Associates (CAS) proposes to accomplish the professional surveying services for the above project as outlined in this proposal. When the parties have agreed upon the details of the services to be provided, the fees to be paid for the services, and execution this proposal, this proposal will become a formal written agreement. CAS proposes to accomplish the services as follows:

LIFT STATION 8119 RELOCATION/6" FORCE MAIN – BELLE GLADE, FLORIDA

S84 PROVIDE LOCATES – GPR/EM SERVICES

Provide utility location and verification services along SW 12th St., MLK Blvd. and SW 16th St. The exact locations will be provided by the Client. An overview is attached as Exhibit "A". Using APWA standards for marking. Electromagnetic induction (EM) and Ground Penetrating Radar (GPR) will be utilized to perform/verify horizontal locations of existing tone able and non-



tone able utilities. Lines will be painted on the ground or pin flags set to show said lines on the surface for the use of the Utility Test Hole Crew.

UTILITY LOCATES
8 HRS. @ \$150.00/HR. = \$1,200.00

S85 UTILITY TEST HOLES (SOFT DIGS)

Utility test holes (soft digs) will be performed, and reports provided for each with utility depth, elevation, size, material and type. The test holes will be performed based on the direction of the project engineer and limited to four (4) test holes per this request.

TEST HOLES (4) \$1,580.00
UNIT PRICE = \$395.00 PER HOLE

S86 MAP OF SPECIFIC PURPOSE SURVEY

Survey will physically locate the test holes performed under Task 85 above and complete a Test Hole Report for each. Said reports will be included in a Map of Specific Purpose Survey (Surveyor's Report) prepared for the project. The test hole number, utility description, size, material, baseline station and offset (left or right), existing ground elevation, top of pipe elevation and misc. comments will be noted in said reports. The survey will be prepared in AutoCAD Civil 3D format and provided to the Client upon request in .DWG and .DXF formats. The Certified Map of Specific Purpose Survey will adhere to the Standards of Practice for Surveying, (Chapter 5J – 17) of the Florida Administrative Code. A digitally signed and sealed surveyor's report (.PDF) will be provided to the Client, as well as "hard copies" if requested.

GPS LOCATES
@ 150.00 PER HOLE = \$600.00

TOTAL = \$3,380.00

WATER MAIN ABANDONMENT - PAHOKEE, FLORIDA

S84A PROVIDE LOCATES – GPR/EM SERVICES

Provide utility location and verification services along Main Street and N. State Market Road. The exact locations will be provided by the Client. An overview is attached as Exhibit "B". Using APWA standards for marking.



Electromagnetic induction (EM) and Ground Penetrating Radar (GPR) will be utilized to perform/verify horizontal locations of existing tone able and non-tone able utilities. Lines will be painted on the ground or pin flags set to show said lines on the surface for the use of the Utility Test Hole Crew.

UTILITY LOCATES

18 HRS. @ \$150.00/HR. = \$2,700.00

S85A UTILITY TEST HOLES (SOFT DIGS)

Utility test holes (soft digs) will be performed, and reports provided for each with utility depth, elevation, size, material and type. The test holes will be performed based on the direction of the project engineer and limited to twenty-five (25) test holes per this request.

TEST HOLES (25) \$9,875.00

UNIT PRICE = \$395.00 PER HOLE

S86A MAP OF SPECIFIC PURPOSE SURVEY

Survey will physically locate the test holes performed under Task 85A above and complete a Test Hole Report for each. Said reports will be included in a Map of Specific Purpose Survey (Surveyor's Report) prepared for the project. The test hole number, utility description, size, material, baseline station and offset (left or right), existing ground elevation, top of pipe elevation and misc. comments will be noted in said reports. The survey will be prepared in AutoCAD Civil 3D format and provided to the Client upon request in .DWG and .DXF formats. The Certified Map of Specific Purpose Survey will adhere to the Standards of Practice for Surveying, (Chapter 5J – 17) of the Florida Administrative Code. A digitally signed and sealed surveyor's report (.PDF) will be provided to the Client, as well as "hard copies" if requested.

GPS LOCATES

@ 150.00 PER HOLE = \$3,750.00

TOTAL = \$16,325.00

The proposed fee for each specific work task is as shown above. CAS proposes to accomplish the services listed for a total lump sum fee of **Nineteen Thousand Seven Hundred Five and 00/100 Dollars (\$19,705.00)**, which is the sum of the fees for each specific work task. CAS agrees to place stakes one time only for each agreed upon task.



ADDITIONAL SERVICES

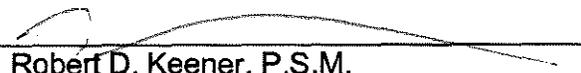
Any service not specifically included in the Final Agreement will be considered as an Additional Service. CAS will accomplish Additional Services upon proper written authorization from the CLIENT.

If you agree with the above scope of services and the terms, please sign in the authorization space provided below and return one (1) executed copy of this proposal. This will serve as our Notice to Proceed. Please call if you require additional information. We look forward to working with you on this project.

AGREED TO AND ACCEPTED BY:

CRAIG A. SMITH & ASSOCIATES

CSOLUTIONS


 Robert D. Keener, P.S.M.
 Vice President

 Signature

RDK

 Name of Authorized Representative

 Title

 Date

EXHIBIT "A"



Exhibit 3. From Rock Pit Road to FEC Railroad Road

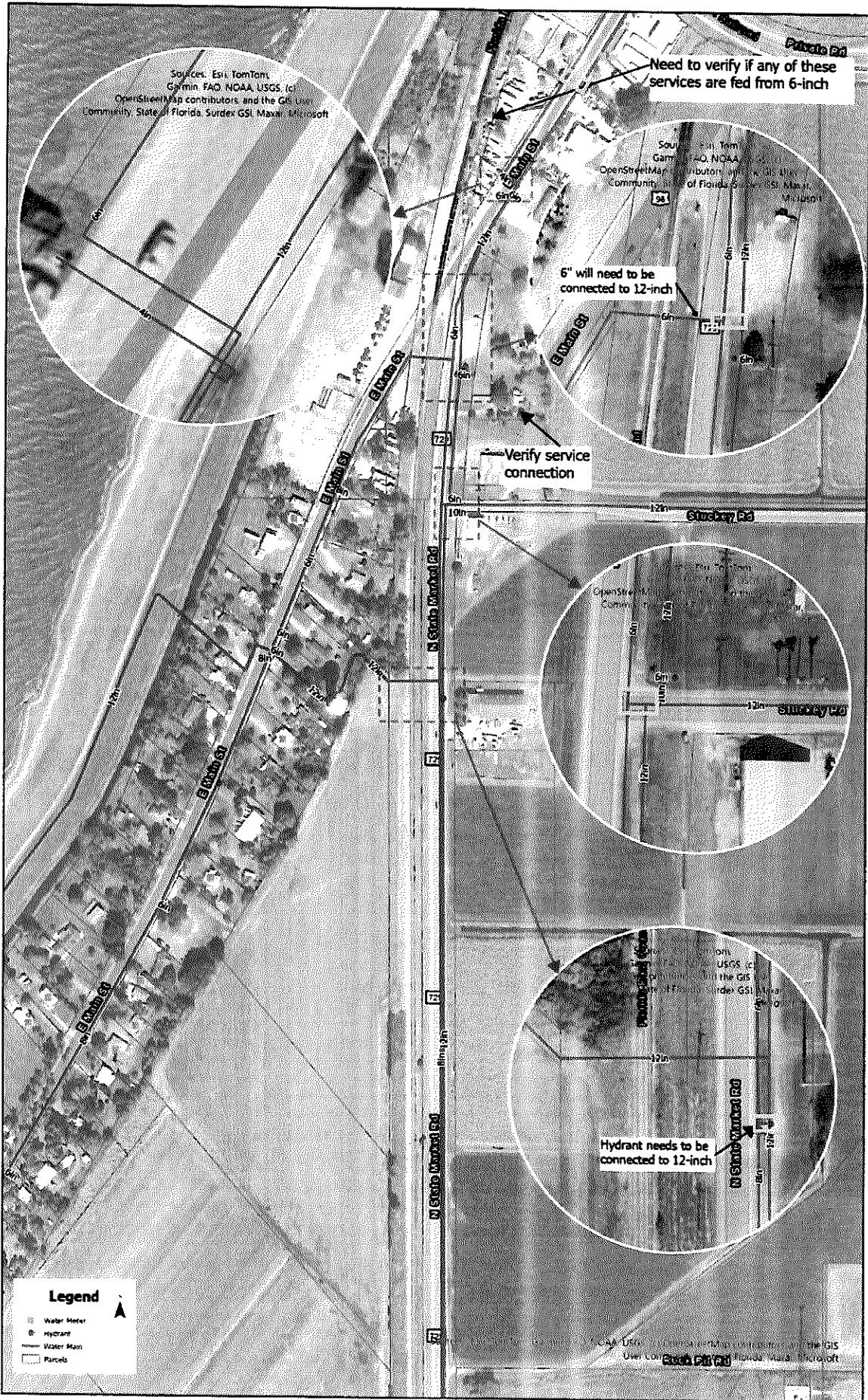


Exhibit 1. Mock City Rd. to 1st Street





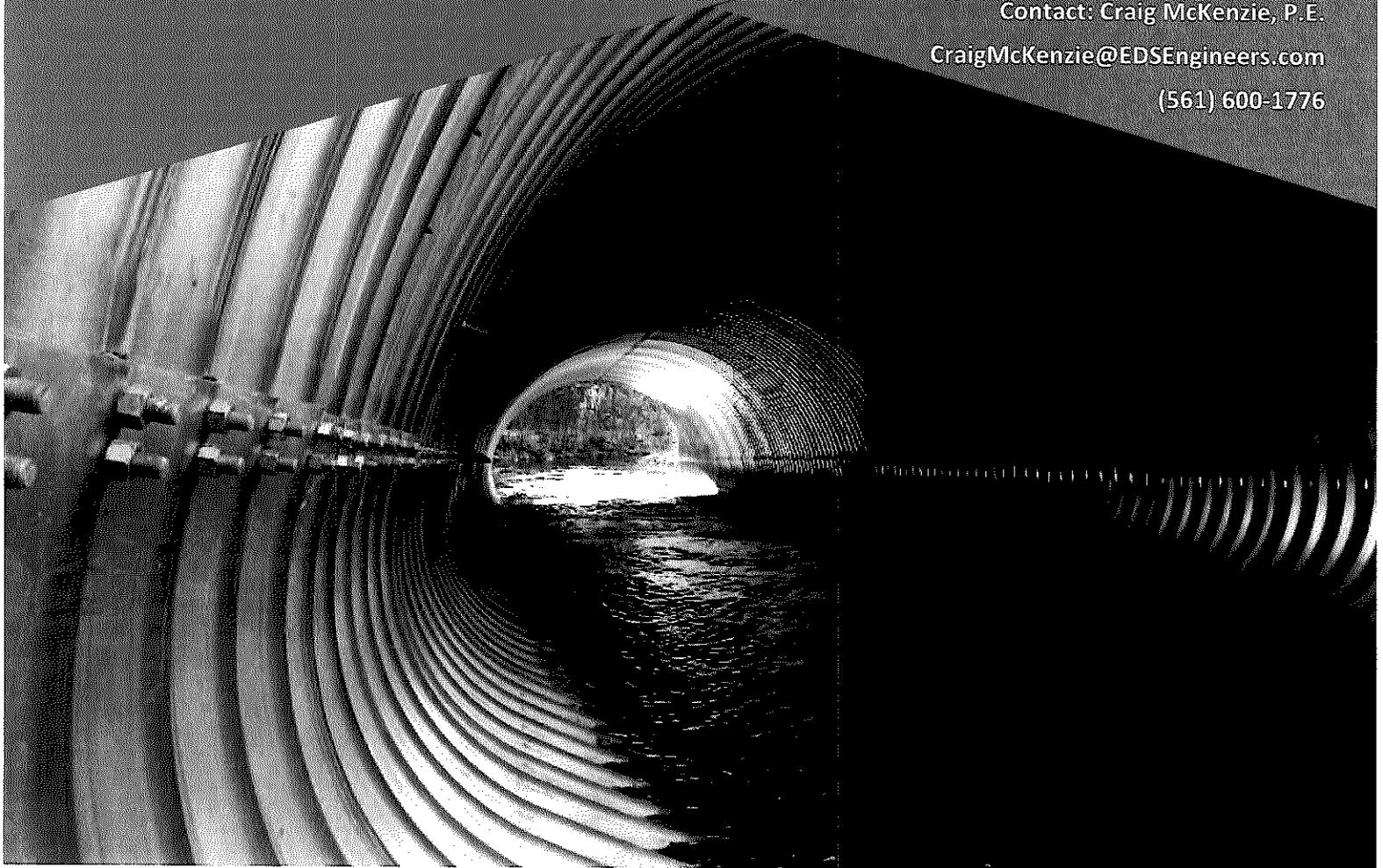
Proposal to: C Solutions, Inc.

**PBCWUD
WUD LS 8119 — Relocation of Lift Station
Engineering Services**

Rev 10/8/2025

Engineered Design Services LLC
Contact: Craig McKenzie, P.E.
CraigMcKenzie@EDSEngineers.com
(561) 600-1776

edsengineers.com



October 8, 2025

Kristin Hink
C Solutions, Inc.
601 N. Congress Ave., Suite 104B
Delray Beach, FL 33445

RE: Proposal for PBCWUD LS 8119 - Relocation of Lift Station - Engineering Services

Dear Ms. Hink:

Engineered Design Services (SUB-CONSULTANT) is pleased to support C Solutions, Inc. (CONSULTANT) with electrical engineering services for the relocation of PBCWUD Lift Station #8119, located in Belle Glade, FL. As a SUBCONSULTANT to C Solutions, EDS proposes the following services.

SCOPE OF SERVICES:

Our proposed scope of services will include the following services :

TASK 1.2.2 - 60% DESIGN DOCUMENTS

The SUB-CONSULTANT will prepare detailed design drawings based on an accepted conceptual design setting forth the requirements for construction. It is assumed that the construction plans will consist of the following design elements:

- Electrical site plan, Riser Diagram, Load Calculations, Motor Schedule, and Fault Current Calculations.

The SUB-CONSULTANT will also perform FPL coordination for electrical service to provide the necessary electrical support to the Lift Station.

A draft of the design drawings and conceptual cost estimate will be provided for review and comment by PBC staff. At this time a review meeting will be held with PBC staff to review the design drawings.

Task 1.2.2 Deliverable

Portable Document Format (PDF) copy of design drawings (22"x 34"), and PDFs of all submittal items.

Task 1.2.2 Assumptions

New FPL services will be coordinated during design, contractor will apply for meter.

Pump station will be a PBCWUD approved package system.

TASK 1.2.3 - 90% DESIGN DOCUMENTS

Based on the comments of PBC staff, SUB-CONSULTANT will revise the draft documents and prepare final design drawings for review prior to permitting.

Task 1.2.3 Deliverable

Portable Document Format (PDF) copy of design drawings (22"x 34"), and PDFs of all submittal items.

Task 1.2.3 Assumptions

Updating of Record Drawings is not included in this Task.

June 14, 2024

SCOPE OF SERVICES (CONTINUED):

TASK 1.3 - PERMIT SUBMITTAL

SUB-CONSULTANT shall assist CONSULTANT in obtaining the building department permits by providing the signed and sealed copies of the drawings for submittal to the building department.

Task 1.3 Deliverable

Portable Document Format (PDF) copy of all permits obtained and the plans used to obtain the permits.

Task 1.3 Assumptions

PBCWUD shall be responsible for all applicable permit fees.

A maximum of one (1) municipality and one (1) authority having jurisdiction over right-of-way permit will be required .

All permitting submittals shall be electronic.

TASK 1.2.4 - BID PACKAGE SUBMITTAL

Based on the comments of PBC staff, the SUB-CONSULTANT will revise the design documents, specification, and prepare bid documents for use in soliciting bids from contractors in an open bid process.

Task 1.2.4 Deliverable

Two (2) sets of plans (24"x36"), two (2) set of plans (11"x17"), and digital copies containing PDFs of all submittal items.

Task 1.2.4 Assumptions

SUB-CONSULTANT will use its best knowledge and efforts in good faith to prepare an Engineer's Option of Probable Construction Cost (EOPCC), but SUB-CONSULTANT has no control or responsibility for the cost of materials or labor for the Construction Contractor, or of market conditions, or over the Construction Contractor's means, methods, sequences, scheduling, and techniques of construction, and thus cannot be responsible for any deviations and differences, however significant, of the construction bids of the Construction Contractors from the SUB-CONSULTANT's EOPCC.

Project Pricing

We have developed a time and materials budget for the PBCWUD LS 8119 - Relocation of Lift Station - Engineering Services project, based on our understanding of the scope provided.

The T&M not-to exceed fee for EDS to provide the scope of work tasks and services shall be \$8,820.96, based on Attachment E.

We appreciate the opportunity to provide this proposal and look forward to working with you. Should you have any questions, please do not hesitate to contact us.

Respectfully Submitted,

Craig McKenzie, P.E.
President/Principal Engineer
Engineered Design Services LLC

Offer Accepted by:

Signature: _____ Date: _____



July 14, 2025

Mr. Mark Drummond, P.E., BCEE, President
C Solutions, Inc.
2890 W State Road 84, Suite 105
Dania Beach, Florida 33312

Water Utilities Department
Engineering Division

8100 Forest Hill Blvd
West Palm Beach, FL 33413

(561) 493-6000

Fax: (561) 493-6085

www.pbcwater.com



Palm Beach County
Board of County
Commissioners

Maria G. Marino, Mayor

Sara Baxter, Vice Mayor

Gregg K. Weiss

Joel G. Flores

Marci Woodward

Maria Sachs

Bobby Powell Jr.

Interim County Administrator

Todd J. Bonlarron

"An Equal Opportunity Employer"

Official Electronic Letterhead

Re: Project Number: 23-025
Utility Distribution & Collection System Engineering
Services
Notification of Contract Clauses No Longer Being
Enforced Pursuant to Emergency Ordinance 2025-014

Dear Mr. Drummond,

On June 3, 2025, the Board of County Commissioners (BCC) approved an emergency ordinance to suspend the race and gender conscious provisions of the County's EBO ordinance. The suspension will remain in effect for two years or until further direction by the BCC, whichever comes first. As a result, the provisions relating to minority/women-owned business enterprise (M/WBEs) participation contained in the contract document (R2023-1868) under Article 7- Subcontracting **will not be enforced** as of June 3, 2025, only the small business enterprise (SBE) provisions will apply.

Please sign below to acknowledge receipt of this notification. This acknowledgement will be included in, and made part of, the contract file.

Should you require any additional information please contact Ms. Christina Bervin at cbervin@pbcwater.com or at (561) 493 5203.

Cordially,

Jane House, P.E., LEED AP
Director of Engineering Division

Receipt Acknowledged and In Agreement:

C Solutions, Inc.

(Consultant)

Mark Drummond, P.E., BCEE

(Print Name)

(Signature)

07/15/2025

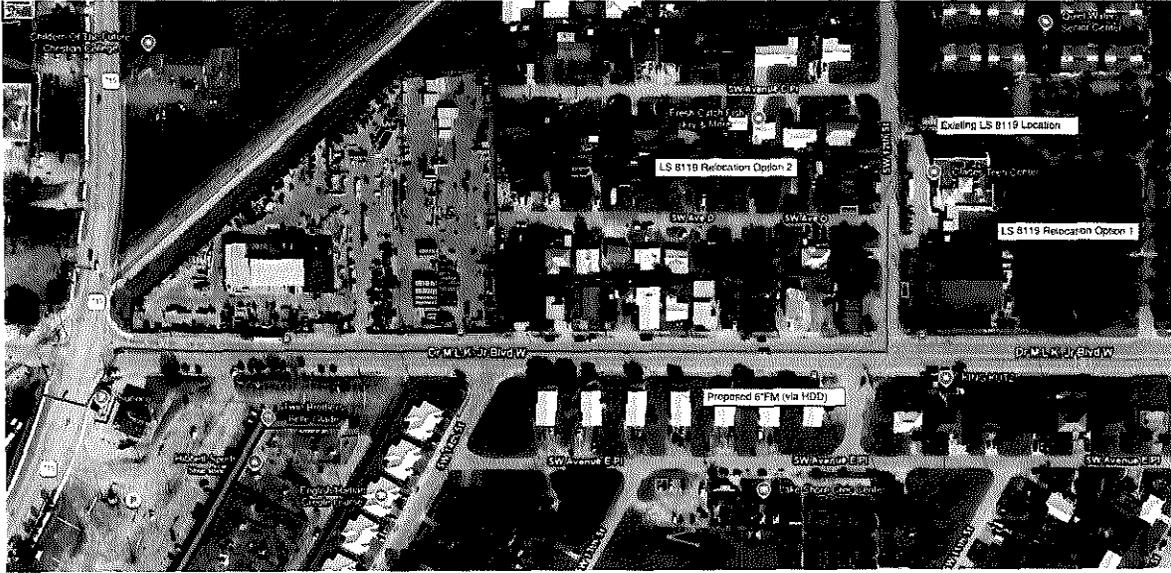
(Date)

ATTACHMENT 2

Location Map

PBCWUD Project No. 25-043

Task 1 - Lift Station 8119 Location



REVISED 08-25-25



**Palm Beach County
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00002582	C Solutions, Inc.	Modified	Compliant					23-025	Contract For Consulting/Professional Services Utility Distribution & Collection System Engineering Services
		A++ , XV	State Farm Mutual Automobile Insurance Company	939852D3059	10/30/2025	4/30/2026	Auto Liability		
		A++ , XV	State Farm Mutual Automobile Insurance Company	975822D3059	10/30/2025	4/30/2026	Auto Liability		
		Ag , XV	Evanston Insurance Company	mk4v2env104997	7/1/2025	7/1/2026	General Liability		
		Ag , XV	Evanston Insurance Company	mk4v2env104997	7/1/2025	7/1/2026	Professional Liability		
		A++g , XV	Travelers Casualty and Surety Company	UB9P302803	7/1/2025	7/1/2026	Workers Comp		

Risk Profile : Standard - Professional Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :