

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date:	October 17, 2023	<input checked="" type="checkbox"/>	Consent	<input type="checkbox"/>	Regular
		<input type="checkbox"/>	Workshop	<input type="checkbox"/>	Public Hearing

Department:	Engineering & Public Works Department
Submitted By:	Engineering & Public Works Department
Submitted For:	Roadway Production Division

I. EXECUTIVE BRIEF

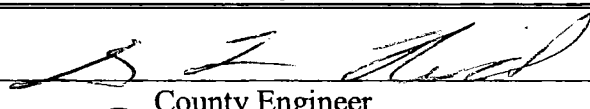
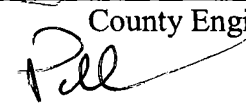
Motion and Title: Staff recommends motion to approve: an Interlocal Agreement (Agreement) with the Seacoast Utility Authority (Authority) in the amount of \$485,718.80 for the design and construction of utility adjustments for the Congress Avenue Extension from Northlake Boulevard to Alternate A1A, Phase A (Project).

SUMMARY: The County has designed and intends to bid the first phase (Phase A) of the Project to construct a new 3-lane roadway from Northlake Boulevard to Avocado Lane, and has requested that the Authority design and construct the relocation of its water mains, force mains, gravity sewers and associated adjustments to its facilities in advance of construction of the Project. Approval of this Agreement will allow the County to reimburse the Authority \$485,718.80 to complete its relocations and adjustments in advance of the Project. The Authority’s facilities are located within right-of-way that is being dedicated to the County by a developer, and the County is responsible for costs associated to remove or relocate the Authority’s facilities. Completion of the Authority’s utility work prior to construction of the Project will eliminate utility conflicts and reduce construction time of the Project. District 1 (YBH)

Background and Justification: The Engineering and Public Works Department recommends approval by the Board of County Commissioners.

Attachments:

1. Location Map
2. Interlocal Agreement with Exhibit A (2 originals)

Recommended by:		9/27/23
KOF YBH/TEL	County Engineer	Date
Approved By:		10/3/23
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	\$ 485,719	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$ 485,719	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)	-0-	-0-	-0-	-0-	-0-

Is Item Included in Current Budget? Yes No
 Does this item include the use of federal funds? Yes No

Budget Account No:
 Fund 3501 Dept 361 Unit 1369 Object 6551

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone 1
 Congress Ave/Northlake to Alt. A1A

Utility Relocation

Design and Construction Cost-Seacoast Utility Authority \$ 485,718.80

C. Departmental Fiscal Review: Danny Runkalsing

III. REVIEW COMMENTS

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

ASB 9/29/23
 OFMB 9/28/23 9A 9/29
 MD 9/29

Dr. J. Jawlun 10/3/23
 Contract Dev. and Control
 10/3/23

B. Approved as to Form and Legal Sufficiency:

MA 10/3/23
 Assistant County Attorney

C. Other Department Review:

 Department Director

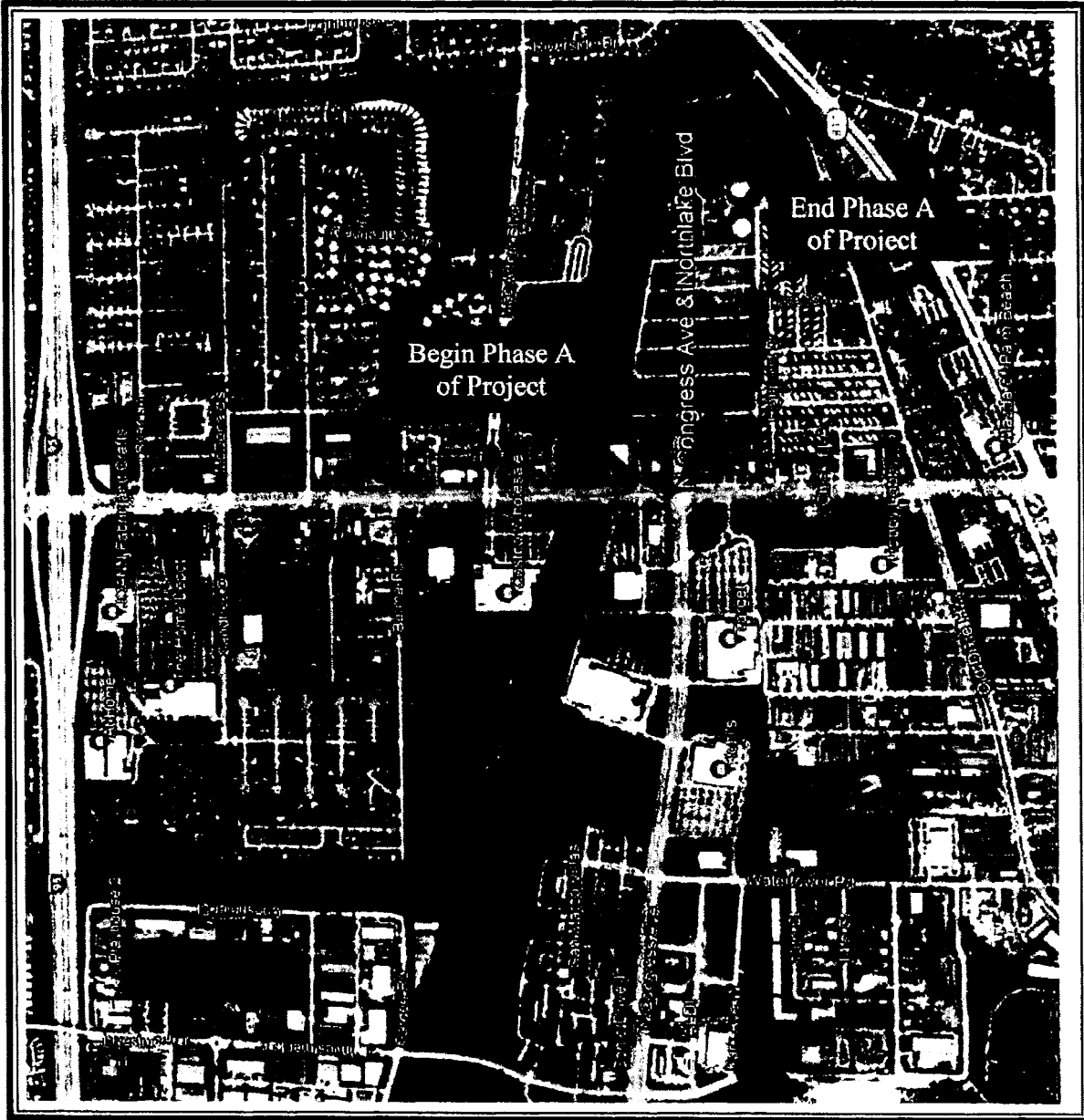
This summary is not to be used as a basis for payment.

PROJECT LOCATION

CONGRESS AVENUE, NORTH OF NORTHLAKE BLVD. TO ALTERNATE A1A

PHASE A: NORTH OF NORTHLAKE BOULEVARD TO AVOCADO DRIVE

Palm Beach County Project #2012517



LOCATION MAP

ATTACHMENT 1

**INTERLOCAL AGREEMENT BETWEEN PALM BEACH COUNTY, FLORIDA
AND
SEACOAST UTILITY AUTHORITY
FOR DESIGN AND CONSTRUCTION OF UTILITY ADJUSTMENTS FOR
CONGRESS AVENUE FROM NORTHLAKE BOULEVARD TO ALT A1A (PHASE A)
PALM BEACH COUNTY PROJECT NO. 2012517**

THIS Interlocal Agreement, (AGREEMENT), for design and construction of utility adjustments to Congress Avenue from Northlake Blvd. to Alt A1A (Phase A) (PROJECT), is made as of the ____ day of _____, 20__, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY) and the Seacoast Utility Authority, an interlocal government entity existing under the laws of Florida, (hereinafter "(AUTHORITY)", each one constituting a public agency defined in Part I of Chapter 163, Florida Statutes (individually Party and collectively Parties).

WHEREAS, Section 163.01, Florida Statutes, authorizes local governments to make the most efficient use of their powers by enabling them to cooperate with other localities on a basis of mutual advantage, thereby providing services and facilities that will harmonize geographic, economic, population, and other factors influencing the needs and development of local communities; and

WHEREAS, Part I of Chapter 163, Florida Statutes, permits public agencies as defined therein to enter into Interlocal Agreements with each other to jointly exercise any power, privilege, or authority which such agencies share in common and which each might exercise separately; and

WHEREAS, the COUNTY has designed and intends to bid and construct the PROJECT; and

WHEREAS, the COUNTY has requested the AUTHORITY to design and construct the relocation of AUTHORITY'S water mains, force mains, gravity sewers, and perform associated appurtenance adjustments to the AUTHORITY'S system within the limits of the PROJECT (collectively, UTILITY WORK); and

WHEREAS, the AUTHORITY agrees to perform the UTILITY WORK in advance of construction of the PROJECT; and

WHEREAS, both COUNTY and AUTHORITY declare that it is in the public interest that the UTILITY WORK be constructed by AUTHORITY prior to construction of the PROJECT; and

NOW, THEREFORE, in consideration of the mutual covenants, promises, and representations contained herein, the Parties agree as follows:

Section 1. Recitals.

The above recitals are true and correct and are incorporated herein.

Section 2. AUTHORITY'S Responsibilities:

A. AUTHORITY shall design and construct the UTILITY WORK to completion as required by the PROJECT, within 150 days of the effective date of this AGREEMENT and more specifically described in **Exhibit A**.

B. AUTHORITY shall obtain written approval from the COUNTY'S designated representative, David L. Ricks, P.E. (COUNTY REPRESENTATIVE), in advance of AUTHORITY approving any change order, which would result in any cost attributable to the UTILITY WORK for the PROJECT exceeding the Estimated Cost, as defined in Section 3 below. COUNTY'S approval shall not be unreasonably withheld.

C. AUTHORITY shall secure all necessary permissions, easements and permits required for the UTILITY WORK.

D. AUTHORITY shall require the UTILITY WORK contractor to provide a Public Construction

Seacoast Utility Authority Design and Construction Agreement

Bond in an amount equal to the contract amount detailed in **Exhibit A** for the UTILITY WORK.

E. Upon completion of the PROJECT and the UTILITY WORK, the AUTHORITY shall own, repair, and maintain in perpetuity, the UTILITY WORK at AUTHORITY'S expense.

Section 3. COUNTY'S Responsibilities:

COUNTY shall reimburse AUTHORITY for completion of UTILITY WORK. The total estimated cost, including 10% contingency, for all UTILITY WORK in accordance with **Exhibit A** is **Four Hundred Eighty-Five Thousand, Seven Hundred and Eighteen Dollars and Eighty Cents (\$485,718.80)** (Estimated Cost), provided AUTHORITY performs pursuant to the terms and conditions of this Agreement. COUNTY hereby authorizes and delegates the authority to approve any change orders, invoices, and associated documents related to this AGREEMENT, to the COUNTY REPRESENTATIVE, as provided in the Palm Beach County Purchasing Code, as may be amended. Any cost exceeding the Estimated Cost that is not attributable to the PROJECT shall be paid by the AUTHORITY. Any cost exceeding the Estimated Cost that is attributable to the Project shall be paid by the COUNTY.

Section 4. Payments/Invoicing and Reimbursement:

The AUTHORITY will invoice the COUNTY on a periodic basis during design and construction of the UTILITY WORK. The COUNTY agrees to provide to AUTHORITY payment for documented costs for the UTILITY WORK in the amount established in Section 3. AUTHORITY shall submit all invoices to the COUNTY identifying the UTILITY WORK, and identifying the amount attributable to the UTILITY WORK under **Exhibit A**. AUTHORITY shall supply any further documentation such as copies of paid receipts, canceled checks, invoices and other documents deemed necessary by the COUNTY within seven (7) calendar days of request by the COUNTY. Invoices received from AUTHORITY will be reviewed and approved by the COUNTY REPRESENTATIVE to ensure that expenditures have been made in conformity with this AGREEMENT. Upon AUTHORITY'S submission of acceptable documents needed to substantiate its costs for the UTILITY WORK, COUNTY will provide said payment to AUTHORITY on a reimbursement basis within thirty (30) days of receipt of all required documents. In no event shall the COUNTY provide advance payment to the AUTHORITY.

The UTILITY WORK will be administered by the AUTHORITY. Only those costs incurred by the AUTHORITY relating to the UTILITY WORK for the PROJECT are eligible for reimbursement by the COUNTY pursuant to the terms and conditions hereof.

Section 5. Access and Audits:

COUNTY and AUTHORITY shall maintain adequate records to justify all charges, expenses and costs incurred under this AGREEMENT in performing the UTILITY WORK for at least five (5) years after completion or termination of this AGREEMENT. Each Party shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit during normal business hours, at the other Parties place of business. In the event any work is subcontracted by AUTHORITY, AUTHORITY shall similarly require each contractor and subcontractor to maintain and allow access to such records for audit purposes.

Section 6. Independent Contractor:

COUNTY and the AUTHORITY are and shall be, in the performance of all work, services and activities under this AGREEMENT, Independent Contractors and not employees, agents or servants of the other Party. All COUNTY employees engaged in the work or services performed pursuant to this AGREEMENT shall at all times, and in all places, be subject to COUNTY'S sole direction, supervision, and control. All AUTHORITY employees engaged in the work or services performed pursuant to this AGREEMENT shall at all times, and in all places, be subject to AUTHORITY'S sole direction, supervision, and control. The Parties shall exercise control over the means and manner in which it and its employees perform the work or services performed pursuant to this AGREEMENT, and in all respects the Parties relationship and the relationship of its employees to the other Party shall be that of an Independent Contractor and not as employees or agents of the other.

Neither COUNTY nor the AUTHORITY shall have the power or authority to bind the other in any promise, agreement or representation.

Seacoast Utility Authority Design and Construction Agreement

Section 7. Personnel:

AUTHORITY represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this AGREEMENT. Such personnel shall not be employees of or have any contractual relationship with the COUNTY.

All of the UTILITY WORK and services required hereinunder shall be performed by AUTHORITY or its contractor, and personnel engaged in performing the UTILITY WORK and other services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

All of AUTHORITY'S personnel, contractors and all subcontractors while on COUNTY or privately owned premises shall conduct themselves in an acceptable manner and follow acceptable safety and security procedures.

Section 8. Indemnification:

The AUTHORITY and COUNTY recognize their liability for certain tortious acts of its agents, officers, employees and invitees to the extent and limits provided in Section 768.28, Florida Statutes. To the extent permitted by law, the AUTHORITY and COUNTY shall indemnify, defend and hold the other harmless against any actions, claims and damages arising out of their own negligence in connection with the UTILITY WORK and the use of the funds provided under this AGREEMENT. The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Section 768.28, Florida Statutes, nor shall the same be construed to constitute an agreement by the AUTHORITY or COUNTY to indemnify each other for sole negligence, or willful or intentional acts of the other. The foregoing indemnification shall survive termination of this AGREEMENT.

No provision of this AGREEMENT is intended to, or shall be construed to, create any third party beneficiary or to provide any rights to any person or entity not a party to this AGREEMENT, including but not limited to any citizen or employees of the COUNTY and/or AUTHORITY.

Section 9. Annual Appropriation:

All provisions of this AGREEMENT calling for the expenditure of ad valorem tax money by either the COUNTY or the AUTHORITY are subject to annual budgetary funding and should either Party involuntarily fail to fund any of their respective obligations pursuant to the AGREEMENT, this AGREEMENT may be terminated. However, once the PROJECT and the UTILITY WORK have been awarded to the contractor, it shall be prosecuted to completion and this AGREEMENT shall be binding upon the Parties and neither Party shall have the right to terminate the subject AGREEMENT for the reason that sufficient funds are not available.

Section 10. Breach and Opportunity to Cure:

The Parties expressly covenant and agree that in the event either Party is in default of its obligations under this AGREEMENT, each Party shall have thirty (30) days written notice before exercising any of its rights.

Section 11. Enforcement Costs:

Any costs or expenses (including reasonable attorney's fees) associated with the enforcement of the terms and conditions of this AGREEMENT shall be borne by the respective Parties.

Section 12. Notice:

Except as otherwise provided herein, all notices required to be given under this AGREEMENT shall be in writing, and deemed sufficient to each Party when sent by United States Mail, postage prepaid, or hand delivery, to the following:

All notice to the AUTHORITY shall be sent to:

Rim Bishop, Executive Director
Seacoast Utility Authority
4200 Hood Rd.
Palm Beach Gardens, Fl. 33410

Seacoast Utility Authority Design and Construction Agreement

All notice to the COUNTY shall be sent to:

David L. Ricks, P.E., County Engineer
Palm Beach County Engineering & Public Works
Roadway Production Division
P.O. Box 21229
West Palm Beach, FL 33416-1229

Section 13. Modification and Amendment:

Except as provided in Sections 2 and 3, and as expressly permitted herein to the contrary, no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and equality of dignity herewith.

Section 14. Remedies:

This AGREEMENT shall be governed by and in accordance with the laws of the State of Florida. Any legal action necessary to enforce this AGREEMENT will be held in a court of competent jurisdiction located in Palm Beach County, Florida. No remedy herein conferred upon any Party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity by statute or otherwise. No single or partial exercise by any Party of any right, power or remedy hereunder shall preclude any other or further exercise thereof.

Section 15. No Waiver:

Any waiver by either Party of its rights with respect to a default under this AGREEMENT, or with respect to any other matters arising in connection with this AGREEMENT, shall not be deemed a waiver with respect to any subsequent default or other matter. The failure of either Party to enforce strict performance by the other Party of any of the provisions of this AGREEMENT or to exercise any rights under this AGREEMENT shall not be construed as a waiver or relinquishment to any extent of such Party's right to assert or rely upon any such provisions or rights in that or any other instance.

Section 16. Joint Preparation:

The preparation of this AGREEMENT has been a joint effort of the Parties, and the resulting document shall not, solely as a matter of judicial constraint, be construed more severely against one of the Parties than the other.

Section 17. Non-Discrimination:

COUNTY and AUTHORITY agree that both Parties shall not conduct business with nor appropriate any funds for any organization or entity that practices discrimination on the basis of race, color, national origin, religion, ancestry, sex, age, familial status, marital status, sexual orientation, gender identity or expression, disability, or genetic information. COUNTY and AUTHORITY will ensure that all contracts let for the PROJECT and the UTILITY WORK pursuant to the terms of this AGREEMENT will contain a similar non-discrimination clause.

Section 18. Execution:

This AGREEMENT may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Section 19. Filing:

A copy of this AGREEMENT shall be filed with the Clerk of the Circuit Court in and for Palm Beach County, Florida.

Section 20. Termination:

This AGREEMENT may be terminated by either Party upon sixty (60) days written notice to the other Party, provided the written notice is delivered to the other party prior to the date the UTILITY WORK commenced, and such termination shall be effective upon expiration of the

Seacoast Utility Authority Design and Construction Agreement

notice period even in the event the termination date is subsequent to the commencement of the PROJECT. Except as provided in the prior sentence, once the UTILITY WORK has commenced, it shall be prosecuted to completion and this AGREEMENT shall be binding upon the Parties and neither Party shall have the right to terminate the subject AGREEMENT.

Section 21. Compliance with Codes and Laws:

COUNTY and AUTHORITY shall abide by all applicable federal, state and local laws, orders, rules and regulations when performing under this AGREEMENT. COUNTY and AUTHORITY further agree to include this provision in all subcontracts issued as a result of this AGREEMENT.

Section 22. Office of the Inspector General:

Palm Beach County has established the Office of the Inspector General in Palm Beach County Code, Section 2-421- 2-440, as may be amended. The Inspector General's authority includes but is not limited to the power to review past, present and proposed County contracts, transactions, accounts and records, to require the production of records, and to audit, investigate, monitor, and inspect the activities of the contractor, its officers, agents, employees, and lobbyists in order to ensure compliance with contract requirements and detect corruption and fraud. All contractors and parties doing business with the COUNTY and receiving COUNTY funds shall fully cooperate with the Inspector General including receiving access to receiving records relating to bid or any other resulting contract. Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be in violation of Palm Beach County Code, Section 2-421-2-440, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second degree misdemeanor.

Section 23. Public Entity Crime Certification:

As provided in F.S. 287.132-133, as may be amended from time to time by entering into this AGREEMENT or performing any work in furtherance hereof, COUNTY and AUTHORITY shall have its contractors certify that it, its affiliates, suppliers, subcontractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3) (a).

Section 24. Severability:

If any term or provision of this AGREEMENT, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this AGREEMENT, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this AGREEMENT shall be deemed valid and enforceable to the extent permitted by law.

Section 25. Entirety of Agreement:

COUNTY and AUTHORITY agree that this AGREEMENT sets forth the entire AGREEMENT between the Parties, and there are no promises or understandings other than those stated herein.

Section 26. Survival:

The obligations, rights, and remedies of the Parties hereunder, which by their nature survive the termination of this AGREEMENT or the completion of the PROJECT and UTILITY WORK, shall survive such termination or PROJECT or UTILITY WORK completion and inure to the benefit of the Parties.

Section 27. Term:

The term of this AGREEMENT shall be effective on the date of execution of this AGREEMENT by both Parties.

SEP 29 2023

Seacoast Utility Authority Design and Construction Agreement

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this Contract on behalf of the COUNTY and the AUTHORITY has hereunto set its hand the day and year above written.

SEACOAST UTILITY AUTHORITY

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA, BY AND THROUGH ITS BOARD OF COUNTY COMMISSIONERS



By: *Ronald M. Ferris*
Ronald M. Ferris, Chair

By: _____
Gregg K. Weiss, Mayor

ATTEST:

ATTEST:

JOSEPH ABRUZZO, CLERK OF THE CIRCUIT COURT & COMPTROLLER

By: *Jessica Moore*
Jessica Moore, Authority Clerk

By: _____
Deputy Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By: *Nathan Nason*
Nathan Nason,
Authority Attorney

By: _____
Yelizaveta B. Herman,
Asst. County Attorney

APPROVED AS TO TERMS AND CONDITIONS

By: _____
Morton Rose, P.E. Director
Roadway Production Div.

SPECIFIC AUTHORIZATION

**Congress Avenue North of Northlake Boulevard to Alt A-1-A Phase A
(SUA PROJECT NO. R1903)**

Pursuant to the provisions contained in the "Agreement for Design Build Services" between the SEACOAST UTILITY AUTHORITY, hereinafter referred to as "OWNER", and JOHNSON-DAVIS, INC., hereinafter referred to as "FIRM", dated January 27th, 2021 (hereinafter referred to as "AGREEMENT"), this Specific Authorization, executed this 15th day of December, 2021 authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires engineering and/or design build services related Congress Avenue North of Northlake Boulevard to Alt A-1-A Phase A, hereinafter referred to as the "PROJECT".

Section 1 – Terms

Capitalized terms not defined in this Specific Authorization shall have the same meaning as ascribed to them in the AGREEMENT.

Section 2 - Scope of Work

The FIRM will provide the following services in accordance with applicable section(s) of the AGREEMENT:

The project will include engineering services for the design, permitting, and construction of utility relocations in association with the Palm Beach County (County) Congress Avenue Extension Project, Project Number 2012517. This proposal will encompass Phase A, from Northlake Boulevard to approximately 30-feet north of Avocado Drive. The utility improvements will resolve conflicts between the existing potable water mains, existing raw water mains, existing force main and existing gravity sewer system with the proposed

County roadway and drainage improvements. All gravity sewer and force main improvements shall comply with Palm Beach County Unified Land Development Code, Article 14 Environmental Standards, Chapter B Wellfield Protection.

All work will be performed in accordance with the OWNER's standards for construction and the specific Design Build Criteria provided for this project, unless otherwise stated.

A detailed scope is prepared in Attachment A – Scope of Services.

The design criteria package is included in Attachment B.

Section 3 – Location

The services to be performed by the FIRM shall be on the following site or sites:

The project is located on the future Congress Avenue Extension, from Northlake Boulevard to approximately 30-feet north of Avocado Drive, in Unincorporated Palm Beach County and Village of North Palm Beach, Florida. See Attachment C for project location per County plans.

Section 4 – Deliverables

The FIRM will provide the following Deliverables to OWNER:

1. Performance and Payment Bonds
2. Design plans at the following stages:
 - a. 90% Completion
 - b. Permit Submittal
 - c. Construction Documents
3. Permits obtained, including submittal packages to regulatory agencies
4. Unit price GMP
5. CPM Schedule

6. All required permits will be paid by FIRM.
7. Meeting minutes
8. Project, equipment, and material submittals
9. Purchase and installation of equipment and materials
10. Pre-construction video
11. Coordination of all work with OWNER and COUNTY
12. Shut down plans
13. QA/QC and testing plan for proof of performance goals
14. Neighborhood outreach plan including tracking and notifications
15. Plan for protection and restoration of public and private infrastructure.
16. Construction of improvements
17. Construction testing including testing and assurance reports that FIRM is meeting project requirements
18. Restoration activities
19. GMP reconciliation
20. Record drawings
 - a. Updated record drawings with each payment application
 - b. Final record drawings (AutoCAD, signed and sealed PDF, one copy of signed and sealed mylars)
21. Permit certification and closeout
22. Warranties
23. Project documents to be maintained in Procore

Section 5 - Time of Performance

Execution of this Specific Authorization shall constitute Notice to Proceed. The FIRM and OWNER agree to the following schedule:

TASK	DURATION (DAYS)
DESIGN NOTICE TO PROCEED (NTP)	
Site Investigation	15
Engineering Design Services: b). 90-percent drawings, specifications, and permit applications	30
c). Final drawings and construction documents	15 days from receipt of 90-percent comments from Authority staff or approval of permits, whichever is last
Permitting and Coordination Services	30 days from receipt of 90-percent comments
CONSTRUCTION NTP	
Substantial Completion	90 Days from Construction NTP
Final Completion	120 Days from Construction NTP

LIQUIDATED DAMAGES. OWNER and FIRM recognize that time is of the essence of this Specific Authorization and the OWNER will suffer financial loss if the Work is not completed within the times specified above, plus any extensions thereof allowed. They also recognize the delays, expense and difficulties involved in proving in a legal proceeding the actual loss suffered by OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and FIRM agree that as liquidated damages for delay (but not as a penalty) FIRM shall pay OWNER Two Hundred Dollars (\$200) for each day that expires after the time specified for Substantial Completion until the Work is substantially complete. After Substantial Completion if FIRM shall neglect, refuse or fail to complete the remaining Work within the Contract Time for each Phase or any proper extension thereof granted by OWNER, FIRM shall pay OWNER Two Hundred Dollars (\$200) for each day that expires after the time specified for completion and readiness for final payment.

Section 6 - Method and Amount of Compensation

The FIRM shall be paid by the OWNER in accordance with the AGREEMENT.

Total job price is \$376,772.00.

- The fee for Phase 1 Engineering Services is \$28,435.00 and shall be paid by OWNER on a lump sum payment basis. No retainage shall be withheld for Phase 1. A detailed breakdown of engineering fees is included in Attachment D – Engineering Fee Breakdown.
- The initial GMP for Phase 2 services is \$348,337.00. This budget price is based on a preliminary construction cost estimate and a GMP Change Order will be provided to OWNER in Task 2 of Phase 1 services. Phase 2 shall be paid by OWNER on a unit price payment basis. Retainage shall be withheld for Phase 2 pursuant to the terms of the AGREEMENT. A detailed cost breakdown is included in Attachment E – Bid Schedule. The GMP shall be reconciled after Substantial Completion.

Section 7 - Specifications

The specifications for this PROJECT are set forth in the Seacoast Utility Minimum Construction Standards and Specifications, which are incorporated herein by reference.

On the terms contained in the FIRM's said proposal for the doing of said work and the said award therefore, and the Specifications herein specifically referred to and made a part of this contract.

Section 8 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The OWNER reserves the right to direct purchase materials under the terms and conditions set forth on Exhibit "C", "Special Conditions". The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Risk of damage, destruction or loss of any

property of any kind brought onto the premises or received by the FIRM that may be on the premises which are the PROJECT site, during the performance of this Specific Authorization, shall be at the sole risk of the FIRM.

8.1 The OWNER hereby designates Scott Serra as the OWNER's representative pursuant to Section 5 of the AGREEMENT.

8.2 In addition to applicable provisions of Section 3 of the AGREEMENT, the OWNER will:

1. Arrange access to the site as needed
2. Review design and construction submittals
3. Existing record drawings in the area of work if available.

The FIRM acknowledges and understands that it is an independent CONTRACTOR in its relationship with the OWNER; The FIRM hereby designates Clark Cryer as the FIRM's representative.

Section 9 – Commencement

The FIRM shall commence design upon Notice to Proceed and end design tasks in accordance with schedule presented in Section 5.

The FIRM shall commence construction tasks upon Notice to Proceed for construction and end within 120 days.

Section 10 – Insurance

All applicable portions of the AGREEMENT not specifically modified herein shall remain in full force and effect and are incorporated by reference herein.

If the OWNER so chooses, OWNER may exercise sales tax exemption as described in Appendix C attached (if applicable).

IN WITNESS WHEREOF, this Specific Authorization, consisting of 7 pages has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

Signature Page Follows

Signed, sealed and delivered in the presence of:

FIRM

Johnson-Davis, Inc.
Name of Firm (Typed or Printed)

BY: [Signature]
Signature/Officer of Firm (Manual)

William Cryer Name (Typed or Printed)

TITLE: Estimating Manager

STATE OF: Florida

COUNTY OF: Polk

The foregoing instrument was acknowledged before me this 15 day of Dec, 2021 by

William Cryer Estimating Manager of Johnson-Davis Inc
Officer of Firm Title Name of Firm

a FLA corporation, on behalf of the corporation.
State

He/She is personally known to me or has produced _____
as identification.



LARISA DITU PELKEY
Commission # GG 157707
Expires January 22, 2022
Bonded thru Duedget Notary Services

[Signature]
Notary Public

My commission expires: 01/22/2022

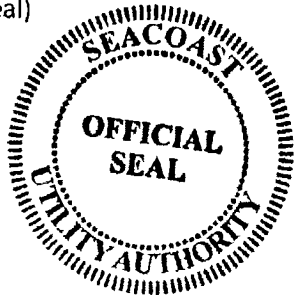
ATTEST:

Jessica Moore
Clerk
(SUA Seal)

SEACOAST UTILITY AUTHORITY

BY: [Signature]
Vice Chair Andrew Lukesik Joseph Lo Bello

DATE: 12/15/2021



Attachment A
Scope of Services

ATTACHMENT A – SCOPE OF SERVICES
Congress Avenue North of Northlake Boulevard to Alt A-1-A Phase A

The project will include engineering services for the design, permitting, and construction of utility relocations in association with the Palm Beach County (County) Congress Avenue Extension Project, Project Number 2012517. This proposal will encompass Phase A, from Northlake Boulevard to approximately 30-feet north of Avocado Drive. The utility improvements will resolve conflicts between the existing potable water mains, existing raw water mains, existing force main and existing gravity sewer system with the proposed County roadway and drainage improvements. All gravity sewer and force main improvements shall comply with Palm Beach County Unified Land Development Code, Article 14 Environmental Standards, Chapter B Wellfield Protection.

The utility relocations will be comprised of the following:

- Relocation of approximately 285 LF of 8" sanitary sewer main and two (2) manholes that conflict with the proposed drainage structure and curb
- Removal of existing abandoned gravity sewer manhole in conflict with the proposed curb
- Replacement of approximately 600-LF of 2-inch force main, replacement of 100 LF of 4" DI casing, and replacement of the existing vault. This is required because the vault is in conflict with the proposed curb and removal of this vault requires removal of the pipe within the casing to the next available junction box.
- Removal and replacement of approximately 565 LF of 16" DIP Raw Water Main (RWM) and 565 LF of 16" DIP Potable Water Main (PWM) that is in conflict with the proposed drainage. This quantity of pipe is required for replacement so that the entire pipeline can be relocated without the use of deflections, which would require additional fittings and air release valves.
- Installation of two (2) butterfly valves on the 16" RWM and two (2) butterfly valves on the 16" PWM, for a total of four (4) butterfly valves. These are required to isolate the crossing of Avocado Drive for utility operations.

Design Services

Task 1 - Site Investigation

- a. Utility Coordination: FIRM will review all existing record drawings, utility atlases, and GIS data for the project area to develop the alignment of the proposed piping. FIRM shall perform a Sunshine One design ticket call, send letters to all identified utilities, collect utility location information and digitize utility locations for drawings. FIRM shall coordinate with a subsurface utility engineering (SUE) firm, for the performance of up to ten (10) utility test holes to locate any existing underground utilities within the project limits. SUE firm shall provide equipment and labor, or the services of a qualified subconsultant, for exploratory

subsurface test holes ("soft digs") for certain existing underground utilities as determined by the ENGINEER.

- b. Field Verification: FIRM shall conduct field visits to assess the existing conditions of the project area.

Task 2 – Engineering Design Services

FIRM shall prepare detailed drawings depicting the installation of the butterfly valves, utility relocations and restoration. The work will include attendance at meetings, site visits, coordination with other utilities within the vicinity, coordination with County, and preparation of construction cost estimates. FIRM will participate in project management and tracking through Procore (provided by FIRM).

FIRM shall prepare the following:

- a. 90% Submittal:
 - The drawings included in this submittal will consist of utility relocations in plan and profile view, restoration, and construction details.
- b. 100% Submittal:
 - Plans incorporating Authority and Regulatory Agency comments on the 90% and permit submittal.
 - GMP reconciliation to correspond to 100% design plans.

Task 3 - Permitting and Coordination Services

- a. The FIRM shall prepare applications for permits to construct the water mains for submittal to the following agencies:
 - Palm Beach County Maintenance of Traffic Permit
 - SFWMD Dewatering Permit
 - Palm Beach County Health Department Water Main Extension
 - Responses to requests for additional information from Regulatory Agencies are included in the FIRM's fee.
 - FIRM shall coordinate with permitting agencies for requirements of construction, permit review schedule and project construction schedule.

A permit from Palm Beach County Land Development Department is not required and therefore not included.

Construction Services

Task 4 - Services During Construction.

During the construction phase of the Project, the FIRM will provide the following services. FIRM will utilize Procore for construction documentation.

- Construction documentation will be maintained in FIRM's version of Procore.
- Direct the preconstruction meeting with the OWNER, FIRM, subcontractors and other interested parties.
- Administer the Construction Contract between FIRM and OWNER.
- Submit for required permits.
- Prepare and submit shop drawings and submittals. Review and comment on shop drawings submitted by subcontractors and suppliers and obtain approval from OWNER.
- Review subcontractor invoices and prepare monthly applications.
- Manage and coordinate with subcontractors and material suppliers.
- Furnish and install components per the approved Construction Documents, including labor, materials and equipment.
 - The materials listed below will be provided by the Owner. For materials furnished by the Authority, this Authorization only includes labor and equipment for the installation and testing of the utility components.
- Furnish, install and maintain Maintenance of Traffic devices in accordance with approved permits.
- Review subcontractor invoices and prepare monthly applications for payment.
- Provide construction oversight including compliance with design standards. Reports of engineer's construction observation will be provided and maintained in Procore.
- Engineer of Record will coordinate contractor activities with governing agencies including notifications, site meetings, schedule updates, property impacts, etc. OWNER will assist public outreach effort with robotic calls, with a script to be provided by FIRM.
- Provide Record Drawings submitted with each Pay Request and at completion of the project.
- Prepare final documentation for Contract close-out. This includes certification and close-out of all permits, and reconciliation of labor, material, equipment, subcontractors and Overhead and Profit for final GMP.
- Conduct construction progress meetings and pre-construction meetings. It is expected that construction progress meetings will occur every 2-weeks. FIRM will provide agendas, sign in sheets, and minutes for each meeting.
- Visit the Project no less than thirty days prior to the expiration of the warranty two years after completion of the work, or such other longer or shorter period(s) as may apply (the "Warranty Inspection"). Forthwith after the Warranty Inspection, the FIRM shall prepare a list of any defective or missing work identified during the visit and transmit

copies to the Authority, Contractor, and Surety no less than twenty-five days prior to expiration of any such warranty to permit the Authority to enforce any such warranty.

Assumptions

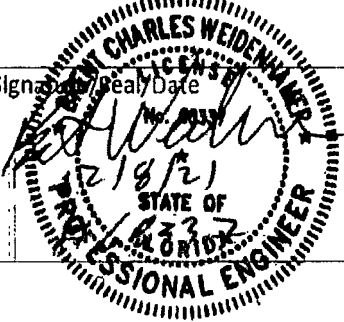
- Surveying is not included. Drawings will be based on publicly available data, field investigations, information provided by Authority and information provided by County.
- Geotechnical engineering services prior to construction are not included.

Attachment B
Design Criteria Package

Design Criteria

Congress Avenue North of Northlake Boulevard to Alternate A1A, Phase A (R1903)

Design Criteria Professional Information

<p>Brent Weidenhamer, P.E. FL Registered Engineer 68337 Seacoast Utility Authority 4200 Hood Road Palm Beach Gardens, FL 33410 561.627.2900</p>	<p>Signature: <i>[Handwritten Signature]</i> Date: 12/18/21 Professional Engineer STATE OF FLORIDA 68337</p> 
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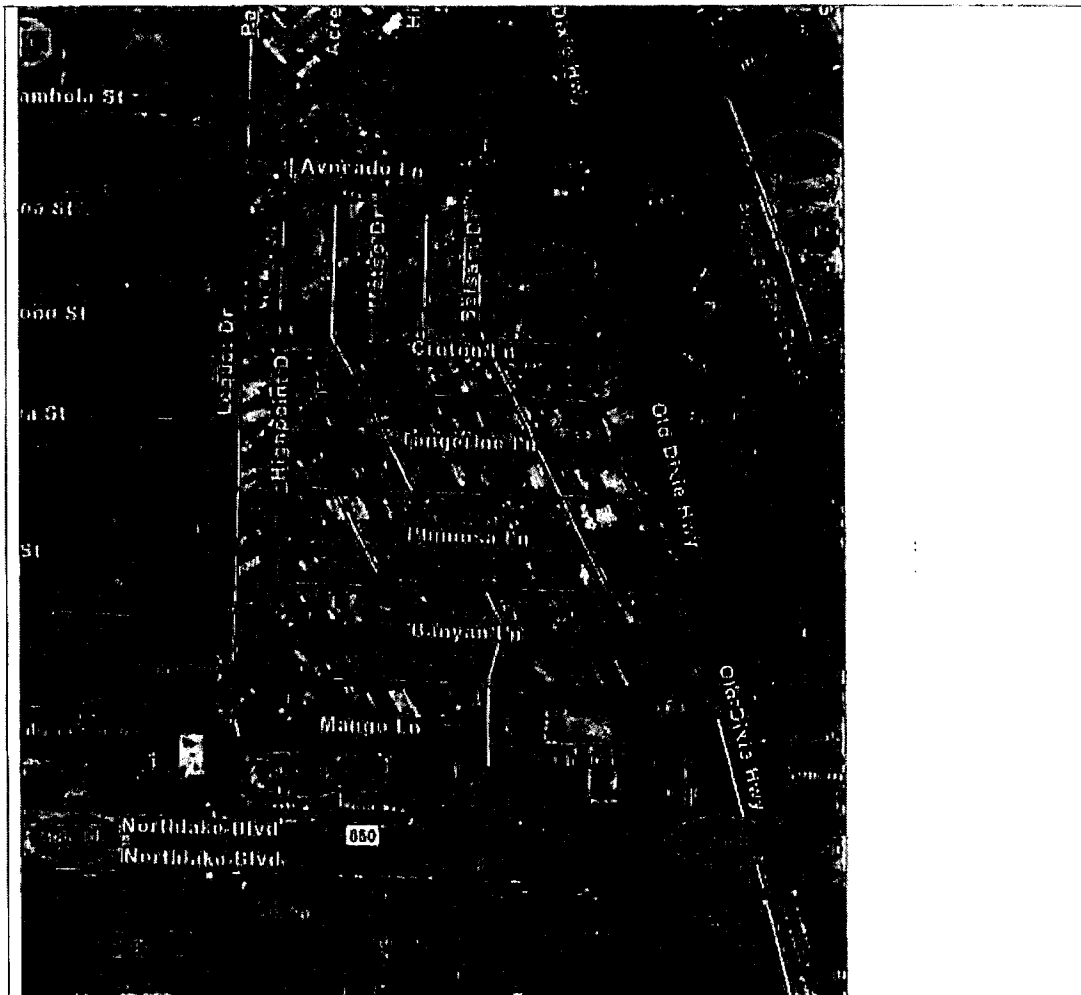
Project Description

<p>Design, permitting, and construction of utility relocations associated with the Congress Avenue extension to Avocado Drive by Johnson Davis, Inc. (Firm) to include the following improvements.</p> <ul style="list-style-type: none">• Relocation of 8-inch gravity sewer main and two manholes that conflict with a proposed storm structure.• Removal of an abandoned manhole.• Relocation / replacement of 600 feet of 2-inch force main, including casing and vault.• Removal and replacement of approximately 565 feet of 16-inch ductile iron pipe (DIP) raw water main with associated fittings, valves, and appurtenances.• Removal and replacement of approximately 565 feet of 16-inch ductile iron pipe (DIP) potable water main with associated fittings, valves, and appurtenances.• Obtain permits from Palm Beach County, Palm Beach County Health Department, and any other agencies required for construction permitting (dewatering, building, etc.).• Coordination with adjacent property owners.• Restoration of all areas disturbed by construction activities, including, but not limited to, alleyways, roadways, sidewalks, existing utilities, irrigation, sodding, and landscaping.• Pressure testing, bacteriological testing, and density testing.• Certification and permit closeout for all permits obtained.• Startup services

Performance Goals

<p>Florida Department of Environmental Protection regulations. Palm Beach County Unified Land Development Code, Article 14 Environmental Standards, Chapter B Wellfield Protection South Florida Water Management District Palm Beach County right-of-way requirements Applicable sections of Florida Building Code. SUA Minimum Construction Standards and Specifications Florida Department of Transportation Requirements Minimize impacts to the public Maintain schedule and progress during design and construction.</p>
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Project Location and Boundary



Specific Materials and Quality

SUA Minimum Construction Standards and Specifications

Specific Equipment

SUA Minimum Construction Standards and Specifications

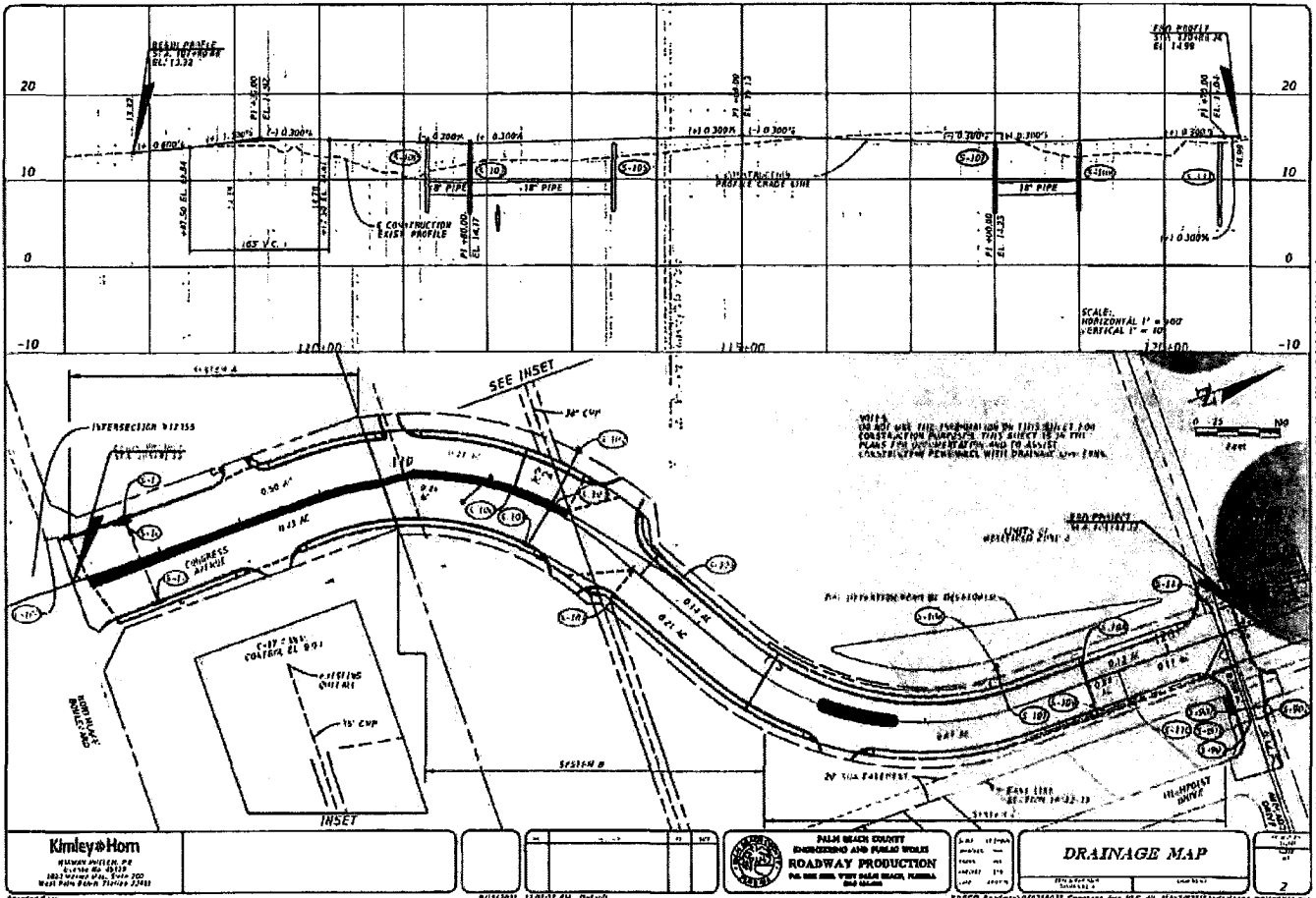
References/Attachments

Record Drawings
SUA GIS Information
Detailed scope and description

Expected Deliverables

Design-Build Specific Authorization
Draft, and Final Design Packages
Meeting minutes
Permitting Packages
Preconstruction Video
Material Submittals
Updated Record Drawings with each payment application
Testing Results
Palm Beach County Health Department certification package
Palm Beach County MOT Package
Final Record Drawings (CD containing files in PDF and CAD format and one set of Mylars)
All files stored within Procore at the completion of the project
QA/QC and testing plan for proof of performance goals
Submit and follow a customer accommodation and information plan to minimize customer impact

**Attachment C
Project Location Map**



Kimley-Horn
 ENGINEERS, ARCHITECTS, PLANNERS
 1001 N. W. 10th St., Suite 200
 Fort Lauderdale, Florida 33304

**PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
 ROADWAY PRODUCTION**
 FOR THE AREA WITH PALM BEACH, FLORIDA

DRAINAGE MAP

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61E13-23.004, F.A.C.

**Attachment D
Engineer's Fee Breakdown**

Seacoast Utility Authority
Congress Avenue North of Northlake Boulevard to Alt A-1-A Phase A
Attachment D Engineering Fee Breakdown

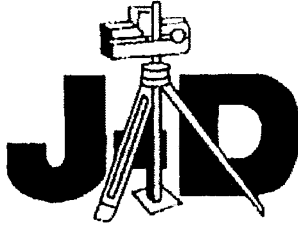
Chen Moore and Associates Project # P21.438

	Subconsultant Costs	Professional Staffing						Total
		Senior Technician	Associate Engineer	Senior Const. Spec.	Senior Engineer	Senior Project Manager	Project Director	
Hourly Rate		\$90.00	\$115.00	\$125.00	\$165.00	\$210.00	\$250.00	
TASK 1 – SURVEYING AND SITE INVESTIGATION								
1.2.1.a - Utility Coordination	\$6,450		4				1	\$7,120.00
1.2.1.b - Field Verification			4				2	\$880.00
Task 1 Total	\$6,450.00	0	8	0	0	0	3	\$8,000.00
TASK 2 – ENGINEERING DESIGN SERVICES								
90% DESIGN SUBMITTAL AND PERMIT								
b. 90% Plans		60	20				8	\$9,630.00
d. 100% Submittal		32	12				4	\$5,100.00
Task 2 Total	\$0.00	92	32	0	0	0	12	\$14,730.00
TASK 3 – PERMITTING SERVICES								
1.2.3.a - Applications for required permits			16				4	\$2,680.00
1.2.3.b - Responses to questions or comments			2				1	\$440.00
Task 3 Total	\$0.00	0	20	0	0	0	5	\$3,120.00
TASK 5 – CONSTRUCTION ADMINISTRATION (OPTIONAL TASK)								
Pre-Construction Meeting			4				2	\$880.00
Shop Drawing Review			8				2	\$1,340.00
Pay Application Coordination				2			1	\$460.00
County Coordination and Public Outreach				8			4	\$1,840.00
Record Drawing Review			16				4	\$2,680.00
Project Close-out Documentation			8				4	\$1,760.00
Site Visits/Inspections				60			10	\$9,600.00
Progress Meetings			4				2	\$880.00
Substantial Completion Walk-Through / Punch list				4			2	\$920.00
Final Completion Walk-Through				2			1	\$460.00
Task 5 Total	\$0.00	\$0.00	\$4,600.00	\$8,750.00	\$0.00	\$0.00	\$6,990.00	\$20,820.00
SUBTOTAL ENGINEERING FEES								\$46,670.00
SUBCONTRACTOR MARK-UP (10%)								\$4,667.00
TOTAL ENGINEERING FEES								\$51,337.00
Fee Summary		Base Eng Fees		Contractor Mark-up		Total Eng Fees		
Design Tasks (Task 1-4)		\$25,850.00		\$2,585.00		\$28,435.00		
Construction Services Task (Task 5)		\$20,820.00		\$2,082.00		\$22,902.00		
Total		\$46,670.00		\$4,667.00		\$51,337.00		

**Attachment E
Bid Schedule**

ATTACHMENT E

Congress Utility Relocations



Johnson Davis Inc.

604 Hillbrath Dr.
Lantana, FL 33462

Contact: Wm. Clark C. Cryer

Phone: 561 588 1170

Email: ccryer@johnsondavis.com

Quote To: Seacoast Utility Authority
4200 Hood Rd.
Palm Beach Gardens, FL 33410
Phone: (561) 627-2900

Job Name: Congress Utility Relocations
Date of Plans: N/A

Revision Date:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	MOBILIZATION	1.00	LSU	16,500.00	16,500.00
20	ENGINEERING SERVICES	1.00	LSU	51,337.00	51,337.00
30	CONTRACTOR PERMITTING	1.00	LSU	3,500.00	3,500.00
40	GENERAL CONDITIONS	1.00	LSU	12,500.00	12,500.00
50	MOT	1.00	LSU	5,000.00	5,000.00
60	PRE CON VIDEO	1.00	LSU	600.00	600.00
70	SURVEY, LAY OUT, AS BUILT	1.00	LSU	7,200.00	7,200.00
80	GEO TECHNICAL	1.00	LSU	3,200.00	3,200.00
90	NPDES	1.00	LSU	2,500.00	2,500.00
100	CONNECT TO EXISTING WATER MAIN (LABOR ONLY)	2.00	EA	5,000.00	10,000.00
110	16" CL51 DIP WATER MAIN (LABOR ONLY)	565.00	LF	25.00	14,125.00
120	16" BUTTERFLY VALVE (LABOR ONLY)	2.00	EA	1,500.00	3,000.00
130	CONNECT TO EXISTING RAW WATER MAIN (LABOR ONLY)	2.00	EA	5,000.00	10,000.00
140	16" CL51 DIP RAW WATER MAIN (LABOR ONLY)	565.00	LF	25.00	14,125.00
150	16" BUTTERFLY VALVE RAW WATER (LABOR ONLY)	2.00	EA	1,500.00	3,000.00
155	GROUT ABANDONED 16" MAINS	1,120.00	LF	20.00	22,400.00
160	CONNECT TO EXISTING 6" WATER MAIN	2.00	EA	3,200.00	6,400.00
170	6" CL51 DIP WATER MAIN	40.00	LF	90.00	3,600.00
180	6" MJ 45	4.00	EA	750.00	3,000.00
190	MANHOLE REMOVAL	4.00	EA	750.00	3,000.00
200	MANHOLE INSTALLATION	2.00	EA	5,000.00	10,000.00
210	CONNECT TO EXISTING SEWER MAIN	2.00	EA	3,500.00	7,000.00
220	GROUT EXISTING 6" SEWER	110.00	LF	20.00	2,200.00
230	REMOVE EXISTING 8" SEWER MAIN	90.00	LF	25.00	2,250.00
240	8" DR18 RESTRAINED W/WELLFIELD TESTING	95.00	LF	120.00	11,400.00
250	REMOVE EXISTING VAULT	1.00	EA	250.00	250.00
260	REMOVE EXISTING 2" FORCE MAIN	430.00	LF	4.50	1,935.00
270	INSTALL 2" POLY FORCE MAIN	500.00	LF	12.00	6,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
280	CONNECT FORCE MAIN TO MANHOLE	1.00	EA	2,300.00	2,300.00
290	INSTALL 4" DUCTILE IRON PIPE CASING (NOT P401)	80.00	LF	115.00	9,200.00
300	TRENCH REPAIR	950.00	SY	85.00	80,750.00
310	BAHIA SOD	700.00	SY	10.00	7,000.00
320	BY PASS PUMPING	1.00	LSU	5,500.00	5,500.00
330	SAMPLE POINTS W/DOUBLE STRAP SADDLE & CORP. STOP	4.00	EA	500.00	2,000.00
340	CONTINGENCY 10%	1.00	LSU	34,000.00	34,000.00
GRAND TOTAL					376,772.00

JOHNSON-DAVIS INC.
 604 Hillbrath Drive
 Lantana, Florida 33462
 tel: (561) 588-1170
 fax: (561) 588-8282
 direct: (561) 296-4330
 www.johnson-davis.com



PROPOSAL NUMBER: 12-339

Congress Utility Relocation

Date: 12/7/2021

Labor and Equipment

Specification: SUA
 Performed by: Wm. Clark C. Coyer

Item #	Qty	Unit	Item Description	Unit Price	Total
Labor and Equipment					
SUPERINTENDENT					
	122	Hours	Superintendent	\$ 90.00	\$ 10,980.00
	122	Hours	Superintendent Pickup Truck	\$ 22.45	\$ 2,738.90
				\$	-
				\$	-
			Subtotal:	\$	13,718.90

Comments
28 Days

Wm. Clark C. Coyer

JOHNSON-DAVIS INC.

604 Hillbrath Drive
 Lantana, Florida 33462
 tel: (561) 588-4170
 fax: (561) 585-6252
 direct: (561) 286-4530
 www.johnson-davis.com



PROPOSAL NUMBER: 12-339

Congress Utility Relocation

Date: 12/7/2021

Labor and Equipment

Specification: SUA
 Performed by: Wm. Clark C. Oyer

Item #	Qty	Unit	Item Description	Unit Price	Total
Labor and Equipment					
			Misc. Crews		
	261	Hours	7 Man Crew	\$ 482.00	\$ 126,412.00
			Back Up Crew		
	162	Hours	2 Man Crew	\$ 108.00	\$ 17,496.00
	48	Hours	Mini with 2 Man Crew +10% MU	\$ 52.00	\$ 2,496.00
				Subtotal:	\$ 146,404.00

Comments
9 Hour Days
28 Days (4 person crew with 2 additional laborers and Foreman)
16 Days

Wm. Clark C. Oyer

JOHNSON-DAVIS INC.
 804 Hillbrath Drive
 Lantana, Florida 33462
 tel: (561) 588-1170
 fax: (561) 585-5262
 direct: (561) 296-4530
www.johnsondavis.com



PROPOSAL NUMBER: 12-339

Congress Utility Relocation

Date: 12/7/2021

Specification: BUA
 Performed by: Wm. Clark C. Cryer

Item #	Qty	Unit	Item Description	Unit Price	Total
Dewatering					
			Wellpoints		
	1	LSU	Pumps and Hoses	\$ 3,200.00	\$ 3,200.00
				\$ -	\$ -
				\$ -	\$ -
			Subtotal:	\$	\$ 3,200.00

Comments

Wm. Clark C. Cryer

JOHNSON-DAVIS INC.
 804 Hillbush Drive
 Lutz, Florida 33602
 Tel: (813) 836-1100
 Fax: (813) 848-9332
 Email: (813) 396-0330
 www.johnson-davis.com



PROPOSAL NUMBER: 12439

Congress Utility Relocation

Date: 12/1/02

Miscellaneous Services

Proposed by: JDA
 Performed by: Wm. Clark C. Cooper

Item #	Qty	Unit	Item Description	Unit Price	Total
Miscellaneous Services					
	1	LSU	Contingency	\$ 34,000.00	\$ 34,000.00
				\$ -	\$ -
				\$ -	\$ -
			Subtotal:	\$ 34,000.00	\$ 34,000.00
			Tax:		
			Total:	\$ 34,000.00	\$ 34,000.00

Comments

Wm. Clark C. Cooper

JOHNSON-DAVIS INC.
 604 Hillbrath Drive
 Lantana, Florida 33462
 tel: (561) 588-1170
 fax: (561) 585-5252
 direct (561) 298-4530
www.johnson-davis.com



Congress Utility Relocation

PROPOSAL NUMBER: 12-339

Date: 12/7/2021

Subcontractors
 Specification: SUA
 Performed by: Wm. Clark C. Coyer

Item #	Qty	Unit	Item Description	Unit Price	Total
Subcontractors					
	1	LSU	PBC HEALTH DEPT PERMIT	\$ 900.00	\$ 900.00
	1	EA	NPDES	\$ 400.00	\$ 400.00
	1	EA	SFWMD DEWATERING PERMIT	\$ 500.00	\$ 500.00
				Total:	\$ 1,800.00

Comments

Wm. Clark C. Coyer
 Project Manager

Congress Avenue and Avocado Drive Utility Relocations
Cost Breakdown for SUA / PBC Agreement

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	ENGINEERING SERVICES				
1.1	ENGINEERING SERVICES (DESIGN)	1.00	LSU	\$28,435.00	\$28,435.00
1.2	ENGINEERING SERVICES (CONSTRUCTION)	1.00	LSU	\$22,902.00	\$22,902.00
	ENGINEERING SERVICES SUBTOTAL				\$ 51,337.00
2	CONSTRUCTION MATERIALS (ADVANCE ORDER)				
2.1	FERGUSON WATERWORKS MATERIALS	1.00	LSU	\$108,946.80	\$108,946.80
	CONSTRUCTION MATERIALS (ADVANCE ORDER) SUBTOTAL				\$ 108,946.80
3	CONSTRUCTION GENERAL CONDITIONS				
3.1	MOBILIZATION	1.00	LSU	\$16,500.00	\$16,500.00
3.2	CONTRACTOR PERMING	1.00	LSU	\$3,500.00	\$3,500.00
3.3	GENERAL CONDITIONS	1.00	LSU	\$12,500.00	\$12,500.00
3.4	MOT	1.00	LSU	\$5,000.00	\$5,000.00
3.5	PRE CON VIDEO	1.00	LSU	\$600.00	\$600.00
3.6	SURVEY, LAY OUT, AS BUILT	1.00	LSU	\$7,200.00	\$7,200.00
3.7	GEOTECHNICAL	1.00	LSU	\$3,200.00	\$3,200.00
3.8	NPDES	1.00	LSU	\$2,500.00	\$2,500.00
	CONSTRUCTION GENERAL CONDITIONS SUBTOTAL				\$ 51,000.00
4	CONSTRUCTION LABOR ONLY FOR ADVANCE ORDER ITEMS				
4.1	CONNECT TO EXISTING WATER MAIN (LABOR ONLY)	2.00	EA	\$5,000.00	\$10,000.00
4.2	16" CL51 DIP WATER MAIN (LABOR ONLY)	565.00	LF	\$25.00	\$14,125.00
4.3	16" BUTTERFLY VALVE (LABOR ONLY)	2.00	EA	\$1,500.00	\$3,000.00
4.4	CONNECT TO EXISTING RAW WATER MAIN (LABOR ONLY)	2.00	EA	\$5,000.00	\$10,000.00
4.5	16" CL51 DIP RAW WATER MAIN (LABOR ONLY)	565.00	LF	\$25.00	\$14,125.00
4.6	16" BUTTERFLY VALVE RAW WATER (LABOR ONLY)	2.00	EA	\$1,500.00	\$3,000.00
	CONSTRUCTION (LABOR ONLY FOR ADVANCE ORDER ITEMS) SUBTOTAL				\$ 54,250.00
5	CONSTRUCTION (LABOR AND MATERIALS)				
5.1	GROUT ABANDONED 16" MAINS	1,120.00	LF	\$20.00	\$22,400.00
5.2	CONNECT TO EXISTING 6" WATER MAIN	2.00	EA	\$3,200.00	\$6,400.00
5.3	6" CL51 DIP WATER MAIN	40.00	LF	\$90.00	\$3,600.00
5.4	6" MJ 45	4.00	EA	\$750.00	\$3,000.00
5.5	MANHOLE REMOVAL	4.00	EA	\$750.00	\$3,000.00
5.6	MANHOLE INSTALLATION	2.00	EA	\$5,000.00	\$10,000.00
5.7	CONNECT TO EXISTING SEWER MAIN	2.00	EA	\$3,500.00	\$7,000.00
5.8	GROUT EXISTING 6" SEWER	110.00	LF	\$20.00	\$2,200.00
5.9	REMOVE EXISTING 8" SEWER MAIN	90.00	LF	\$25.00	\$2,250.00
5.10	8" DR 18 RESTRAINED W/WELLFIELD TESTING	95.00	LF	\$120.00	\$11,400.00
5.11	REMOVE EXISTING VAULT	1.00	EA	\$250.00	\$250.00
5.12	REMOVE EXISTING 2" FORCE MAIN	430.00	LF	\$4.50	\$1,935.00
5.13	INSTALL 2" POLY FORCE MAIN	500.00	LF	\$12.00	\$6,000.00
5.14	CONNECT FORCE MAIN TO MANHOLE	1.00	EA	\$2,300.00	\$2,300.00
5.15	INSTALL 4" DUCTILE IRON PIPE CASING (NOT P401)	80.00	LF	\$115.00	\$9,200.00
5.16	TRENCH REPAIR	950.00	SY	\$85.00	\$80,750.00
5.17	BAHIA SOD	700.00	SY	\$10.00	\$7,000.00
5.18	BY PASS PUMPING	1.00	LSU	\$5,500.00	\$5,500.00
5.19	SAMPLE POINTS W/DOUBLE STRAP SADDLE & CORP. STOP	4.00	EA	\$500.00	\$2,000.00
	CONSTRUCTION (LABOR AND MATERIALS) SUBTOTAL				186,185.00
3					
6	CONSTRUCTION CONTINGENCY 10% (DOES NOT INCLUDE ENGINEERING FEES OR PRE-ORDERED MATERIALS)	00	LSU	\$ 34,000.00	34,000.00

GRAND TOTAL **\$ 485,718.80**

COST SUMMARY			
CONSTRUCTION MATERIALS (ADVANCE ORDER) SUBTOTAL		\$	108,946.80
JOHNSON-DAVIS CONTRACT SUBTOTAL		\$	376,772.00
TOTAL COSTS FOR SUA REIMBURSEMENT AGREEMENT		\$	485,718.80