

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2020	2021	2022	2023	2024
Capital Expenditures	<u>\$235,242</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$235,242</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4001 Dept 720 Unit 2323 Object 3120


Is Item Included in Current Budget? Yes X No

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

Reporting Category N/A


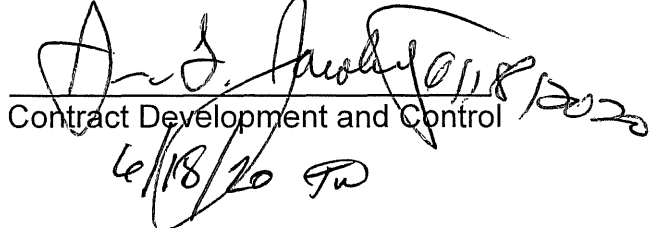
B. Recommended Sources of Funds/Summary of Fiscal Impact:

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

C. Department Fiscal Review: _____  GE

III. REVIEW COMMENTS

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

 OFMB 6/12/2020	 Contract Development and Control 6/18/2020
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B. Legal Sufficiency:


Assistant County Attorney
6/23/2020

C. Other Department Review:

Department Director

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

CONSULTANT SERVICES AUTHORIZATION NO. 17

Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
Utility Distribution & Collection System Engineering Services
Resolution No. R2017-0816 Contract Dated June 20, 2017

Project Title: Air Release Valve Rehabilitation Program

WUD Project No.: 20-029

Consultant: Chen Moore and Associates, Inc.

Address: 500 Australian Ave South, Suite 850, West Palm Beach FL 33401

Budget Line Item No.: 4001-720-2323-3120

District No.: Countywide

This Consultant Services Authorization provides for: Design and permitting for the rehabilitation of 101 force main air release valves in various locations throughout the Palm Beach County Water Utilities Department service area.

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 100.00% SBE participation. This Consultant Services Authorization includes 100.00% overall participation. The cumulative SBE participation, including this authorization is 99.42%.

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 \$39,750.00

B. Fixed price of \$195,491.15

C. Total \$235,241.15

4. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

CONSULTANT SERVICES AUTHORIZATION NO. 17

Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
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Resolution No. R2017-0816 Contract Dated June 20, 2017

Project Title: Air Release Valve Rehabilitation Program

WUD Project No.: 20-029

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 June 20, 2017 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.

Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
Utility Distribution & Collection System Engineering Services
Resolution No. R2017-0816 Contract Dated June 20, 2017

Project Title: Air Release Valve Rehabilitation Program

WUD Project No.: 20-029

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

Sharon R. Bock, Clerk & Comptroller,
Palm Beach County
ATTEST:

Palm Beach County, Board
of County Commissioners

Signed: _____

HM

Signed: _____

Dave Kerner, Mayor

JCS

Typed Name: _____

Deputy Clerk

Date

Approved as to Form and Legal
Sufficiency

CONSULTANT: Chen Moore and Associates, Inc.

Signed: _____

amb

(Signature)

Typed Name: _____

County Attorney

Cristobal Betancourt, Director

(Name and Title)

4.20.20

Date

STATE OF FLORIDA

COUNTY OF Palm Beach

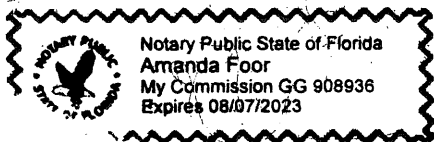
The foregoing instrument was acknowledged before me by means of physical presence or online notarization,

this 20th day of April, 2020, by Cristobal Betancourt who is personally

known to me or has produced _____ as identification.

[Signature]

(Signature of Notary Public - State of Florida)



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

CONSULTANT SERVICES AUTHORIZATION NO. 17

Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
Utility Distribution & Collection System Engineering Services
Resolution No. R2017-0816 Contract Dated June 20, 2017

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-M/WBE Business Tracking
ATTACHMENT G	Location Map

REVISED 1/2/20

ATTACHMENT A

SCOPE OF SERVICES

WUD Project No.: 20-029

Project Title Air Release Valve Rehabilitation Program

INTRODUCTION

This Consultant Services Authorization encompasses providing services related to air release valve rehabilitations throughout the Palm Beach County Water Utilities Department service area.

BACKGROUND

The Palm Beach County Water Utilities Department (PBCWUD) owns and maintains air release valves (ARVs) on force mains throughout their service area. PBCWUD has identified 101 ARVs that are in need of repairs for a variety of reasons. These ARVs are located in multiple PBCWUD Zones. The scope of services proposes the design and permitting for the repairs to the 101 ARVs shown in Attachment G.

SCOPE OF SERVICES

Chen Moore and Associates, Inc. (CONSULTANT) shall perform the engineering Scope of Services as described herein.

ASSUMPTIONS

The engineering services described herein have been based on the following assumptions:

- PBCWUD staff will provide all previous plans, reports and data.
- PBCWUD will assist CONSULTANT with data and field investigation.
- PBCWUD will provide consolidated review comments of each deliverable within two (2) weeks of receipt from CONSULTANT.
- Restoration will match existing conditions.
- PBCWUD will provide all permit fees.
- Construction administration and certification of permits after construction are not included.
- Public outreach is not included.
- Easement acquisition or identification is not included.
- Geotechnical investigation is not included.
- Survey is not included.

TASK 1 - FIELD INVESTIGATION AND COORDINATION

1.1 Existing Utility Coordination: CONSULTANT will review all existing record drawings, design plans, utility atlases, and Geographical Information System (GIS) data for each project area. CONSULTANT shall perform a Sunshine One design ticket call, send letters to all identified utilities, collect utility location information and digitize utility locations for drawings. CONSULTANT shall coordinate with a Subsurface Utility Engineering (SUE) firm, Craig A. Smith and Associates, Inc. (CAS), for the performance of up to 50 utility test holes to locate any existing underground utilities that could potentially conflict with the improvements. SUE firm shall provide equipment and labor, or the services of a qualified sub consultant, for exploratory subsurface test holes ("soft digs") for certain existing underground utilities as determined by the CONSULTANT. The work performed by

CAS will be on a not-to-exceed time and material basis and the costs included in this proposal is only an estimate. PBCWUD will only pay for the test holes actually completed. Test hole information will include pipe type, diameter, material, and depth from surface (ground elevation is not included).

1.2 Field Verification: CONSULTANT shall conduct one (1) field visit per site to assess the existing conditions of the project area.

1.3 Coordination with PBCWUD: CONSULTANT will coordinate with PBCWUD for data collection and field investigation. This task will include one (1) meeting with PBCWUD.

Task 1 Deliverable

Digital Portable Document Format (pdf) copy of minutes from all meetings, one (1) signed and sealed survey (24"x36"), one (1) copy of SUE report, and digital copies containing PDFs of all submittal items.

TASK 2 – 50% DESIGN SUBMITTAL

2.1 Plans: CONSULTANT will prepare and submit design drawings to PBCWUD for review. The drawings will consist of a site plan for the ARV rehabilitation, restoration as required, and construction details. The site plan will be prepared utilizing ArcGIS and data provided by PBCWUD. The details will include PBCWUD standard details and details from the various regulatory agencies as applicable. Results of SUE survey will not be available for incorporation into the 50% submittal.

2.2 Progress Meeting with PBCWUD: CONSULTANT will attend one (1) review meeting with PBCWUD to discuss the 50% plans and obtain any review comments.

Task 2 Deliverable

Two (2) sets of construction details (24"x36"), two (2) sets of construction details (11"x17"), two (2) sets of site plans (8 ½" x 11"), two (2) copies of cost estimate and technical specifications, and digital copies containing PDFs of all submittal items.

TASK 3 – 90% DESIGN SUBMITTAL

3.1 Plans: CONSULTANT will prepare and submit design drawings to PBCWUD for review. The drawings will consist of the ARV rehabilitation site plan and construction details. The drawings will incorporate results of the SUE survey.

3.2 Cost Estimate: CONSULTANT shall submit a cost estimate of the probable construction costs to PBCWUD.

3.3 Technical Specifications: CONSULTANT shall provide technical specifications for the ARV rehabilitations. CONSULTANT will utilize the most current version of the PBCWUD standard specifications where available and conform to PBCWUD design and construction standards.

3.4 Progress Meeting with PBCWUD: CONSULTANT will attend one (1) review meeting with PBCWUD to discuss the 90% plans and obtain any review comments.

Task 3 Deliverable

Two (2) sets of construction details (24"x36"), two (2) sets of construction details (11"x17"), two (2) sets of site plans (8 ½" x 11"), two (2) copies of cost estimate and technical specifications, and digital copies containing PDFs of all submittal items.

TASK 4 – PERMIT SUBMITTAL

4.1 CONSULTANT will prepare applications for permits and respond to Requests for Information (RFI) to the following agencies as required for the ARV rehabilitations:

- Palm Beach County Engineering and Public Works Land Development Division
- Florida Department of Transportation (FDOT)
- South Florida Water Management District (SFWMD)
- Drainage Districts
- Improvement Districts
- Local Municipalities

Task 4 Deliverable

Permit applications, approved permits and digital copies containing PDFs of all approved permits.

TASK 5 – 100% DESIGN SUBMITTAL

5.1 Design Submittal: CONSULTANT shall prepare a 100% final design plan for construction that addresses previous review comments from PBCWUD and regulatory agencies. The drawings will consist of the final design with construction details.

5.2 Technical Specifications: CONSULTANT shall provide final technical specifications for the water main improvements. CONSULTANT will incorporate review comments from PBCWUD and regulatory agencies on the 90% submittal.

5.3 Cost Estimate: CONSULTANT shall prepare a final cost estimate which will indicate all construction costs for items within the final design drawings.

Task 5 Deliverable

Four (4) sets of construction details signed and sealed (24"x36"), two (2) set of construction details (11"x17"), six (6) sets of site plans (8 1/2" x 11") signed and sealed, two (2) copies of cost estimate and technical specifications, and a CD containing PDFs and CAD files of all submittal items.

TASK 6 – BIDDING ASSISTANCE

Upon completion of the permitting phase, PBCWUD shall conduct the bid process and the CONSULTANT shall provide bid support services to PBCWUD that shall include the following:

- Review the advertisement for bid and provide comments, if necessary.
- Attend the Pre-Bid Meeting.
- Review and respond to requests for additional information; draft addendum(s) to the bid documents if necessary.
- Review and compile bid results and verify references of the three lowest bidder(s), bid and qualifications.
- Perform sensitivity analysis of individual line item prices between the responsive bidders and compare them with other recent pricing.
- Provide a Recommendation of Award letter to PBCWUD.

Task 6 Deliverable

One (1) copy (8-1/2" x 11") of RFI responses, bid analysis letter, Recommendation of Award letter, and a CD containing PDFs and CAD files of all submittal items.

ATTACHMENT B

SUMMARY AND STATUS OF CONSULTANT SERVICES AUTHORIZATIONS

Auth. No.	WUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	BE Participation %	By	Date
1	18-027	State Road 7 Water Main Interconnection; North of Forest Hill Boulevard	Approved	\$37,334.88	\$37,334.88	100.00%	WUD	5/18/2018
1.1	18-027	State Road 7 Water Main Interconnection; North of Forest Hill Boulevard	Approved	\$5,674.29	\$5,674.29	100.00%	WUD	12/20/2018
2	18-004	Potable Water Hydraulic Model Update	Approved	\$124,553.44	\$124,553.44	100.00%	BCC	2/6/2018
2.1	18-004	Potable Water Hydraulic Model Update	Approved	\$36,033.13	\$36,033.13	100.00%	WUD	2/5/2020
3	18-002	North West Belle Glade Water Main Improvements, Zone 3	Approved	\$170,814.11	\$170,814.11	100.00%	BCC	2/6/2018
4	18-003	Water Treatment Plant No. 8 Sanitary Sewer Improvements	Approved	\$20,246.16	\$13,071.16	64.56%	WUD	11/21/2017
5	18-052	Acreage Water Master Plan	Approved	\$69,883.45	\$69,883.45	100.00%	CRC	6/26/2018
6	18-056	Water Main Relocation from Herbert Hoover Dike in Pahokee	Approved	\$46,523.90	\$46,523.90	100.00%	WUD	7/26/2018
7	18-020	Pine Ridge Lane Water Main Extension	Approved	\$24,963.22	\$24,963.22	100.00%	WUD	8/24/2018
8	18-076	Orange Blvd. Force Main Extension & Seminole Pratt Whitney Road Piggings Stations	Approved	\$48,926.54	\$48,926.54	100.00%	WUD	11/16/2018
9	19-051	Seminole Pratt Whitney Road & Northlake Boulevard Road Widening Utility Improvements	Approved	\$94,817.43	\$94,817.43	100.00%	CRC	8/7/2019
10	19-043	Mahogany Lane Water Main Extension	Approved	\$28,958.00	\$28,958.00	100.00%	WUD	10/24/2019
11	20-006	Utility Adjustments for the City of Belle Glade Road Resurfacing Project - Phase I	Approved	\$97,074.05	\$97,074.05	100.00%	CRC	1/8/2020
12	20-019	West Palm Beach Canal (L-10 Canal) Water Main Replacement in Pahokee	Approved	\$48,890.28	\$48,890.28	100.00%	WUD	4/28/2020
13	20-021	Florida Mango Road Utility Adjustments, Summit Blvd to Myrica Road	Approved	\$60,381.19	\$60,381.19	100.00%	CRC	4/29/2020
14	20-006	Utility Adjustments for the City of Belle Glade Road Resurfacing Project - Phase I	Approved	\$97,564.85	\$97,564.85	100.00%	CRC	4/29/2020
15	18-002	North West Belle Glade Water Main Improvements, Zone 3	Pending	\$314,167.46	\$314,167.46	100.00%	BCC	Pending
16	20-026	South bay Force Main Improvements	Pending	\$285,163.34	\$285,163.34	100.00%	BCC	Pending
17	20-029	Air Release Valve Rehabilitation Program	Pending	\$235,241.15	\$235,241.15	100.00%	BCC	Pending

ATTACHMENT C

OEBO SCHEDULE 1

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Air Release Valve Rehabilitation Program

SOLICITATION/PROJECT/BID NAME: _____
NAME OF PRIME RESPONDENT/BIDDER: Chen Moore and Associates, Inc
CONTACT PERSON: Suzanne Dombrowski, P.E.
SOLICITATION OPENING/SUBMITTAL DATE: 6/20/2017

SOLICITATION/PROJECT/BID No.: 20-029
ADDRESS: 500 Australian Ave South, Ste 850, West Palm Beach, FL 33401
PHONE NO.: 561.746.6900 x1035 **E-MAIL:** sdombrowski@chenmoore.com
DEPARTMENT: Palm Beach County Water Utilities Department

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

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	M/WBE Minority/Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)	
1. Chen Moore and Associates, Inc. 500 Australian Ave South, #850 West Palm Beach, FL 33401 561-746-6900	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	_____	\$195,491.15 Asian	
2. Craig A. Smith & Associates, Inc. 777 Glades Road, #410 Boca Raton, FL 33434 561-314-4445	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	_____	\$39,750.00	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	
(Please use additional sheets if necessary)							Total	\$39,750.00	\$195,491.15

Total Bid Price \$ \$235,241.15

Total SBE - M/WBE Participation \$235,241.15

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


Signature

Cristobal Betancourt, Director
Title

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

ATTACHMENT C

OEBO SCHEDULE 2

Office of Equal Business Opportunity Compliance Programs

REVISED 1/2/2

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: 20-029

SOLICITATION/PROJECT NAME: Air Release Valve Rehabilitation Program

Prime Contractor: Chen Moore and Associates, Inc. Subcontractor: _____

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 6/19/2014 to 7/18/2017

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

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

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

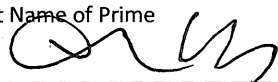
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Civil Engineering	LS	1		\$195,491.15

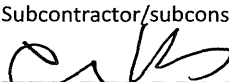
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$195,491.15

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

Chen Moore and Associates, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Cristobal Betancourt
 Print Name
Director
 Title
 Date: 4.20.20

Chen Moore and Associates, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Cristobal Betancourt
 Print Name
Director
 Title
 Date: 4.20.20

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: 20-029

SOLICITATION/PROJECT NAME: Air Release Valve Rehabilitation Program

Prime Contractor: Chen Moore and Associates, Inc. Subcontractor: Craig A. Smith & Associates, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 1/16/15-1/15/18

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

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

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

Line Item	Item Description	Unit Price	Quantity/Units	Contingencies/Allowances	Total Price/Percentage
1	Utilities Locates	LS	1		\$39,750.00


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: \$39,750.00

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.

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

Chen Moore and Associates, Inc.

Print Name of Prime

By: 
Authorized Signature

Cristobal Betancourt

Print Name


Director

Title

Date: 4.20.20

Craig A. Smith & Associates, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

STEPHEN C. SMITH

Print Name

Senior Vice President

Title

Date: 4/20/20

ATTACHMENT D

PROJECT SCHEDULE

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

1	FIELD INVESTIGATION AND COORDINATION	60
2	50% DESIGN SUBMITTAL	179
3	90% DESIGN SUBMITTAL	179
4	PERMIT SUBMITTAL	193
5	100% DESIGN SUBMITTAL	237
6	BIDDING ASSISTANCE	327
	TOTAL PROJECT DURATION	327

*Assumes four week duration for obtaining permits.

Attachment E
Budget Summary

Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services Utility Distribution & Collection System Engineering Services

Resolution No.: R2017-0816 Contract Dated: 6/20/2017

Construction Service Authorization: 17
 Consultant: Chen Moore and Associates, Inc.
 Project Name: Air Release Valve Rehabilitation Program
 WUD Project No.: 20-029

Task Number	Task Description	Labor Classification & Hourly Rate													CMA Total Hours	Sub Consultant Services	TOTAL COST
		Principal (\$/hr)	Project Director (\$/hr)	Sr Project Manager (\$/hr)	Project Manager (\$/hr)	Sr Eng (\$/hr)	Sr Const Specialist (\$/hr)	Project Engineer (\$/hr)	Associate Engineer (\$/hr)	Sr Designer (\$/hr)	Engineer (\$/hr)	Sr Technician (\$/hr)	Clerical (\$/hr)	Engineering Intern (\$/hr)			
1	Field Investigation and Coordination	\$84.37	\$66.95	\$66.95	\$59.42	\$54.90	\$47.86	\$41.59	\$32.19	\$37.18	\$29.00	\$29.71	\$21.22	\$15.00			
1.1	Exist Utility Coordination (CMA)			8		40			80						128	\$39,750.00	\$55,192.79
1.2	Field Verification			50		50			200						300	\$0.00	\$36,463.75
1.3	Coordination w/ WUD			8		8									16	\$0.00	\$2,836.67
	Subtotal Task 1	0	0	66	0	98	0	0	280	0	0	0	0	0	444	\$39,750.00	\$94,493.21
2	50% Design Submittal																
2.1	Plans		4	16		40			200						260	\$0.00	\$29,021.43
2.2	Progress Meeting with WUD			2		4			4						10	\$0.00	\$1,403.37
	Subtotal Task 2	0	4	18	0	44	0	0	204	0	0	0	0	0	270	\$0.00	\$30,424.80
3	90% Design Submittal																
3.1	Plans		2	16		40			200						258	\$0.00	\$28,631.78
3.2	Cost Estimate			12		32			50						94	\$0.00	\$12,133.83
3.3	Technical Specifications		1	8		24									33	\$0.00	\$5,587.63
3.4	Progress Meeting with WUD			2		4			4						10	\$0.00	\$1,403.38
	Subtotal Task 3	0	3	38	0	100	0	0	254	0	0	0	0	0	395	\$0.00	\$47,756.62
4	Permit Submittal																
4.1	Permit Submittal			16		40			320						376	\$0.00	\$39,482.88
	Subtotal Task 4	0	0	16	0	40	0	0	320	0	0	0	0	0	376	\$0.00	\$39,482.88
5	100% Design Submittal																
5.1	Design Submittal		2	12		24			50						88	\$0.00	\$11,245.40
5.2	Technical Specifications		1	6		12									19	\$0.00	\$3,280.88
5.3	Cost Estimate			1		8			16			8			33	\$0.00	\$3,663.31
5.3	Tech Specs														0		\$ -
	Subtotal Task 5	0	3	19	0	44	0	0	66	0	0	8	0	0	140	\$0.00	\$18,189.60
6	Bidding Assistance																
6.1	Bidding Assistance		4	8		16									28	\$0.00	\$ 4,894.04
	Subtotal Task 6	0	4	8	0	16	0	0	0	0	0	0	0	0	28	\$0.00	\$4,894.04
	Labor Sub-Total Hours	0	14	165	0	342	0	0	1124	0	0	8	0	0	1653	\$39,750.00	\$235,241.15
	Labor Raw Cost	\$84.37	\$66.95	\$66.95	\$59.42	\$54.90	\$47.86	\$41.59	\$32.19	\$37.18	\$29.00	\$29.71	\$21.22	\$15.00			
	Labor Multiplier	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91			
	Labor Sub Total	\$0.00	\$2,727.54	\$32,146.04	\$0.00	\$54,637.58	\$0.00	\$0.00	\$105,288.34	\$0.00	\$0.00	\$691.65	\$0.00	\$0.00	\$195,491.15		
	Labor Total (Fixed Fee):																\$195,491.15
	Subconsultant Total (Not to Exceed Price):																\$39,750.00
	Consultant Labor Total:																\$ 195,491.15
	Project CSA Total:																\$ 235,241.15

Craig A. Smith & Associates

QUOTATION

Utility Locations / Vacuum Excavation
 21045 Commercial Trail,
 Boca Raton, FL 33486



DATE 3/31/2020
 Quotation # 20-CMA-006
 Customer ID TBD
 Project # 20-9999-MISC

Customer:
CHEN MOORE AND ASSOCIATES
 Attn: Suzanne Dombrowski, P.E., ENV SP

Quotation valid until: 5/30/2020
 Prepared by: JFD


Office +1 (561) 746-6900 x 1035 | Cell +1 (954) 650-7996
 Email: sdombrowski@chenmoore.com | Website: www.chenmoore.com

Comments or Special Instructions:

perform an underground utility location survey of select areas (per attached map 100 ARV locations)
 Perform up to 50 softdigs at various locations to be provided by engineer.
 Palm Beach County ARV Rehabilitation project

Description of Services to be Performed	Quantity	Unit Price	Unit Total
Mobilization	-	\$ -	\$ -
Locating Services 2D Radar & Electromagnetics (50 softdigs)	50.00	\$ 150.00	\$ 7,500.00
softdig existing utilities as per engineer map to be provided (50 digs)	50.00	\$ 495.00	\$ 24,750.00
GPS softdig locations and provide sketch (PSM) (50 digs)	50.00	\$ 150.00	\$ 7,500.00
<i>Facility depths are not provided from surface designations. If facility depths are required, vacuum excavations will be necessary. CAS can provide depth approximations from EM or GPR equipment, but these are estimations and are not considered accurate.</i>			
Proposal Total			\$ 39,750.00

Payment Terms are Invoice Net 30. Late Fees of 1.5% per month accrue after 30 days.

Accepted & Approved: CMA  Approved Date 4/30/20	Signing this document constitutes a Contract and Promise to Pay. Customer agrees to pay all charges associated with the work performed. Payment terms are Net 30. Interest on late payments or balances will accrue at the rate of 1.5% per month after 45 days delinquency. CAS reserves all rights to secure payment and Debtor may be liable for all costs associated with collection of outstanding balances including, reasonable Attorney Fees and Court Costs.
--	--



THANK YOU FOR YOUR BUSINESS!!!
 Phone: 561-314-4445 Fax: 561-314-4457

ATTACHMENT F

AUTHORIZATION STATUS REPORT

SUMMARY OF SBE-M/WBE BUSINESS TRACKING

Master Contract Goal: 100.00%

SBE

Current Proposal

Value of Authorization No.	<u>17</u>	\$235,241.15
Value of SBE-M/WBE Letters of Intent		\$235,241.15
Actual Percentage		<u>100.00%</u>

Signed/Approved Authorizations

Total Value of Authorizations		\$1,012,638.92
Total Value of SBE-M/WBE Signed Subcontracts		\$1,005,463.92
Actual Percentage		<u>99.29%</u>

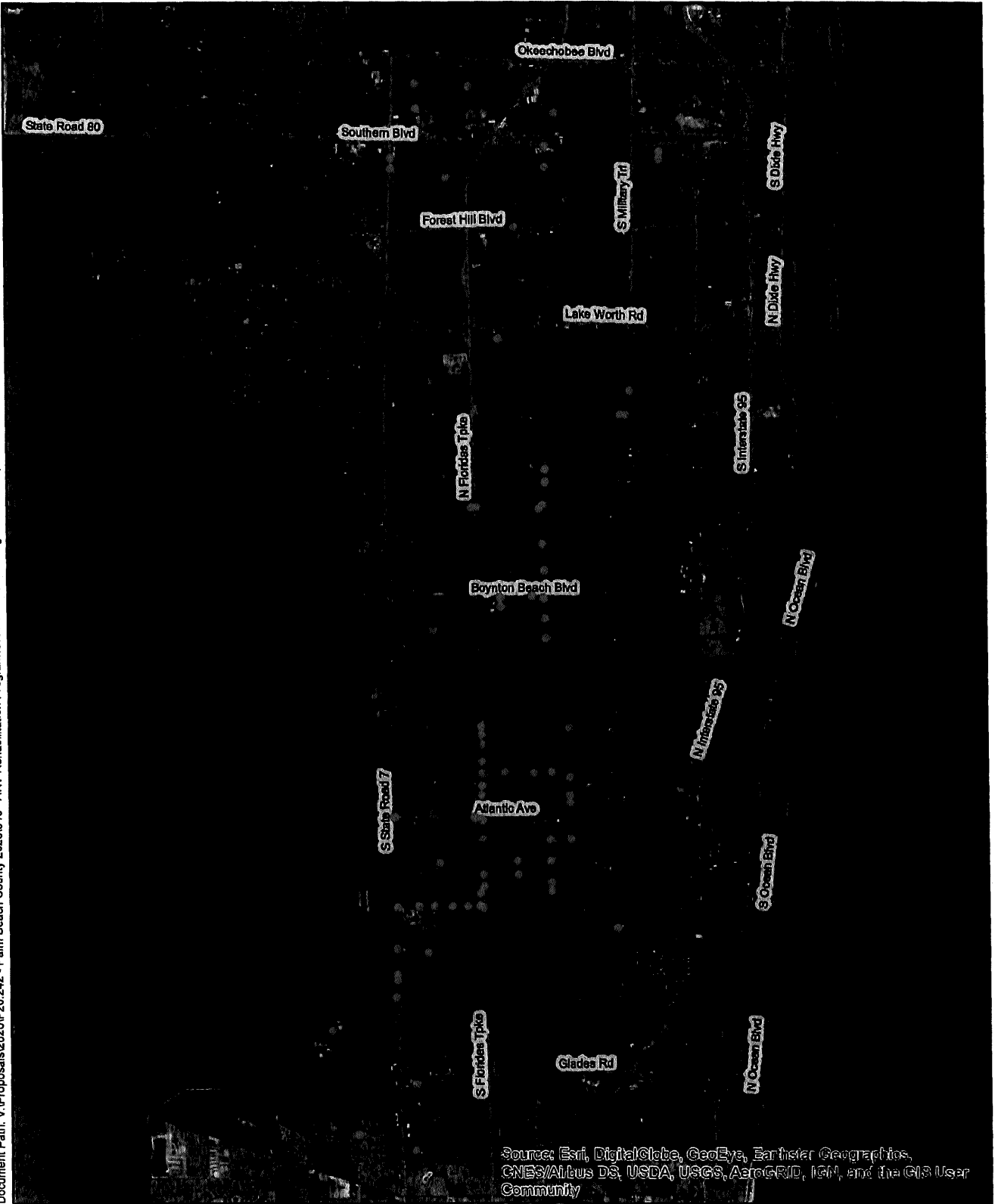
Signed/Approved Authorizations Plus Current Proposal

Total Value of Authorizations		\$1,247,880.07
Total Value of Subcontracts & Letters of Intent		\$1,240,705.07
Actual Percentage		<u>99.42%</u>

ATTACHMENT G
 Location Map
 Air Release Valve Rehabilitation Program
 Consultant Service Authorization No. 17
 Chen Moore and Associates, Inc.

N.T.S.

Document Path: V:\Proposals\2020\IP20-242 - Palm Beach County 2020\010 - ARV Rehabilitation Program\GIS\ARV Rehab Program | Loc Map.mxd



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

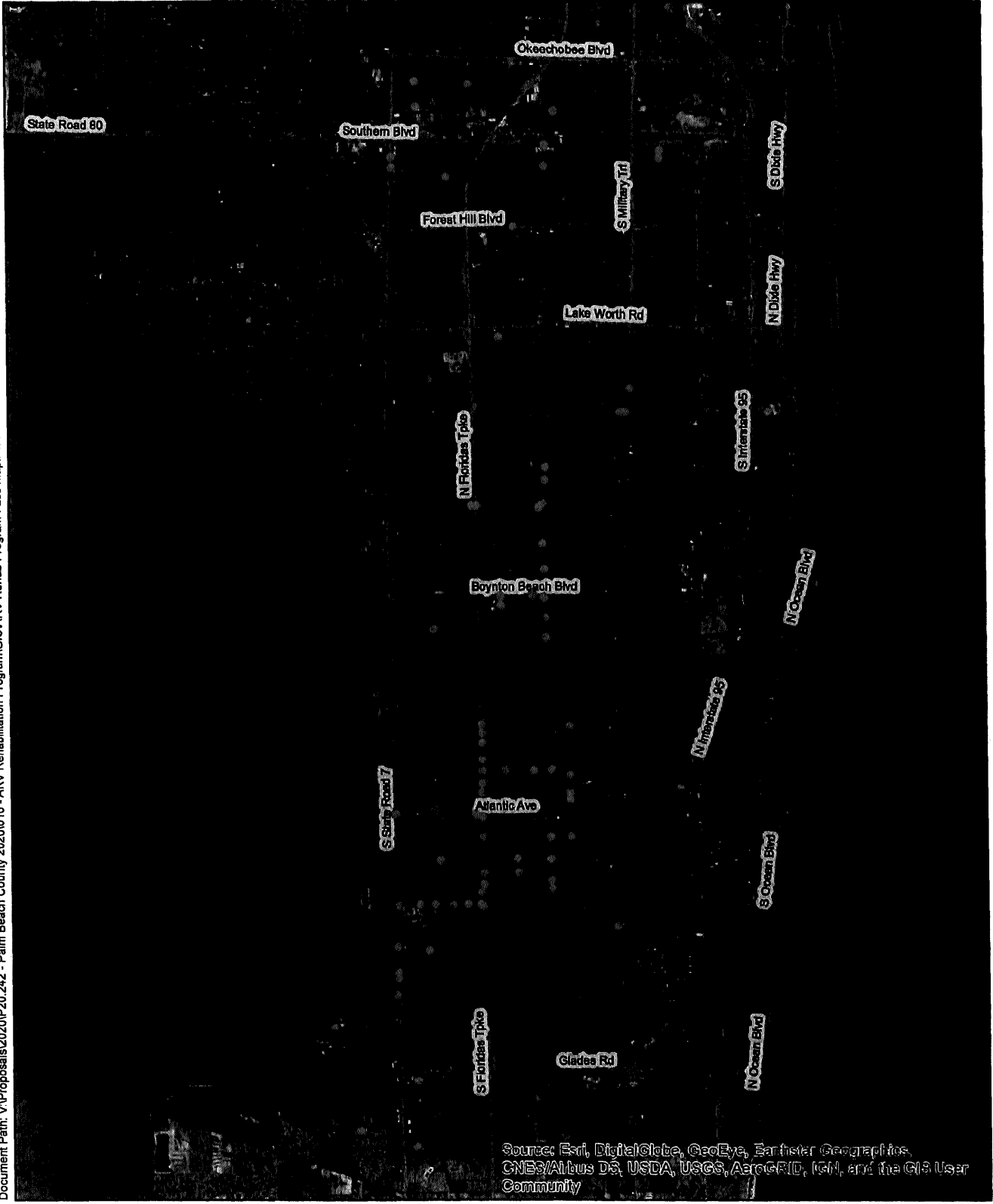
- Project ARVs



ATTACHMENT 2
Location Map
Agenda Item
Air Release Valve Rehabilitation Program
Consultant Service Authorization No. 17
Chen Moore and Associates, Inc.

N.T.S.

Document Path: V:\Proposals\2020\IP20-242 - Palm Beach County, 2020\010 - ARV Rehabilitation Program\GIS\ARV Rehab Program | Loc Map.mxd



Legend

- Project ARVs





WUD PROJECT No. 20-029
CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
 01/14/2020

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

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

PRODUCER Lassiter-Ware Insurance of Tampa Bay 1300 N. Westshore Blvd. Suite 110 Tampa FL 33607		CONTACT NAME: Wendy Tyree PHONE (A/C, No, Ext): (800) 845-8437 E-MAIL ADDRESS: wendyt@lassiterware.com FAX (A/C, No): (888) 883-8680	
INSURED Chen Moore & Associates, Inc. 500 W. Cypress Creek Road, Suite 630 Fort Lauderdale FL 33309		INSURER(S) AFFORDING COVERAGE INSURER A: Crum & Forster Specialty Insurance Co INSURER B: Old Dominion Insurance Co. INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 44520 40231	

COVERAGES CERTIFICATE NUMBER: 20-21 Cert REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractors Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	Y	Y	EPK129413	01/01/2020	01/01/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY	Y	Y	B1T2667W	01/01/2020	01/01/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP-Basic \$ 10,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EFX114215	01/01/2020	01/01/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability (Claims-Made) Limits included with General Liability			EPK129413	01/01/2020	01/01/2021	Each Claim \$1,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: South County Reclaimed Water Transmission Pipeline - Phase I, WUD Project No. 17-035
 Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its officers, employees and agents are an additional insured under the terms and conditions of the General Liability and Automobile Liability policies, on a primary and non-contributory basis, with respect to work being performed by the named insured as required by written contract. The General Liability and Automobile Liability policies contain a Waiver of Subrogation in favor of the additional insureds providing the contract is executed prior to any loss. The Excess Liability extends over the General Liability, Automobile Liability, Professional Liability and Workers' Compensation (Illinois Insurance Co. #WVC 14559391) per the terms and conditions of the policy. Cancellation: Thirty (30) days' notice except for Ten (10) days' notice for non-payment of premium.

CERTIFICATE HOLDER

CANCELLATION

Palm Beach County Water Utilities Department 8100 Forest Hill Boulevard West Palm Beach FL 33413	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
---	---

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/14/2020

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

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

PRODUCER Libertate Insurance Services, LLC 20 N. Orange Avenue, Suite 500 Orlando, FL 32801 www.libertateins.com	CONTACT NAME: Engage PEO Certificate of Insurance Dept.	
	PHONE (A/C, No., Ext): 727-565-2950	FAX (A/C, No.): 727-214-9088
E-MAIL ADDRESS: wc@engagepeo.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Illinois National Insurance Co.		23817
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES CERTIFICATE NUMBER: 53595590 REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N N/A		WC14559391	1/1/2020	1/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO)
Re: South County Reclaimed Water Transmission Pipeline - Phase I, WUD Project No. 17-035

CERTIFICATE HOLDER

191083
 Palm Beach County
 Water Utilities Department, Director Utilities
 Engineering
 8100 Forest Hill Boulevard
 West Palm Beach FL 33413

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Paul R. Hughes

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ACORD 25 (2016/03)

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