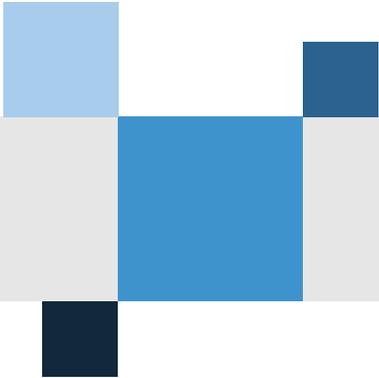


North Port

FLORIDA



**Professional Engineering Services
Continuing Services Contract for
City of North Port Utilities
Department**



RFP No. 2020-58
July 20, 2020





Title Page

Professional Engineering Services Continuing Services Contract for City of North Port Utilities Department

RFP No. 2020-58

Submitted by:
Ardurra Group Inc.

City of North Port
Points of Contact:

Chris Kuzler, PE

Principal-In-Charge

ckuzler@ardurra.com

O: 813.880.8881 x1140

M: 727.992.4883

4921 Memorial Highway, Suite 300

Tampa, FL 33634

R. Chris Sharek, PE, BCEE, PMP, ENV SP

Client Services Manager

csharek@ardurra.com

O: 941.351.9856

M: 941.915.6003

2930 University Parkway

Sarasota, FL 34243

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Title Page

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TAB 1

TRANSMITTAL LETTER





July 20, 2020

Michael Acosta, PE
Utilities Engineering Manager
City of North Port
6644 W. Price Boulevard
North Port, FL 34291

**RE: Professional Engineering Services Continuing Services Contract
for City of North Port Utilities Department RFP # 2020-058**

Dear Mr. Acosta and Selection Committee:

With great pleasure and enthusiasm, Ardurra submits our strong qualifications in response to the City’s Solicitation for Continuing Professional Engineering Services Contract for the City of North Port Utilities Department. We believe the requirements and broad scope of services outlined in this solicitation align with Ardurra’s unique qualifications which have been provided to clients in Southwest Florida for decades. The attached statement of qualifications details our proposed staff, qualifications, experience and references for similar successfully completed work to be considered for the following City of North Port Utilities Department Categories:

- Category 1 - Water, Wastewater, and Reclaimed Water Treatment & Storage Systems**
- Category 2 - Water, Wastewater, and Reclaimed Water Conveyance Systems**
- Category 3 - Water, Wastewater, and Reclaimed Water Planning**
- Category 4 - Electrical and Instrumentation/Controls**

Ardurra, formerly King Engineering, has been included in municipal continuing service contracts of in Southwest Florida since 1977. And for over the past decade, Ardurra has been a partner with your neighboring community, the City of Venice, completing various continuing service assignments including pipeline replacement, utility upgrades, and other capital improvement projects. Within the region, Ardurra has completed design of large diameter pipelines for the Peace River Water Supply Authority. The diversity demonstrated in these projects shows Ardurra’s ability to be nimble enough to coordinate with homeowners but have the depth of bench and capability to complete larger projects.

Ardurra’s In-House Water & Wastewater Utility Capabilities

- | | |
|---|--|
| <ul style="list-style-type: none"> • Water / Wastewater & Reclaimed Water Treatment & Storage • Utilities Planning • Pump Stations • Hydraulic Modeling • Transmission Pipelines • Wastewater Collection Systems • Potable & Reclaimed Water Distribution Systems • FDEP and FDOH | <ul style="list-style-type: none"> • Reclaimed Water Conveyance Systems • Instrumentation • Electrical Monitoring & Controls • Surveying / Mapping / GIS • Cost Estimating / Scheduling • Program Management • Construction Management / Inspections • Ecological Restoration / Wetlands • Permitting |
|---|--|



A Team You Can Trust! We are proposing the same qualified local team of professionals who have been directly responsible with these utility engineering projects in Southwest Florida for years. In fact, our team now has more resources than ever, as over the past 18 months we've grown to over 400 employees in 20+ office across the country. I, Chris Sharek, PE, will serve as the point of contact and overall project delivery manager for Ardurra from our Sarasota Office. Technically, I'll be supported by our national utilities experts in Tampa with principal oversight by Chris Kuzler, PE.

Organized for Efficient and Timely Delivery of this Project. We have organized our team to include senior technical experts with proven experience who will hit the ground running without a learning curve. They are supported by highly efficient CAD designers that have immense utilities design experience. We have included several projects in this proposal demonstrating this success.

Experienced in Protecting Utility Systems and the Environment. Our team members have assisted our coastal government clients on the gulf coast from Florida to Texas, and up the east coast of the country, "future proof" their utilities infrastructure against the effects of time, the environment, sea level rise, and extreme weather events. We will engage staff in our other, national offices to provide additional insight on "how things are done" in major coastal cities so that we can provide the City with innovative and proven approaches addressing similar coastal issues. We also have on our team Envision Sustainability Professionals (ENV SP) and Leadership in Energy and Environmental Design (LEED) professionals who will incorporate sustainable strategies into project designs and construction to meet the City's sustainability goals.

Thank you for your considering our proposal and we look forward to serving the City of North Port Utilities Department throughout this continuing services contract. We look forward to working with you!

Sincerely,



Christopher F. Kuzler, PE
Principal-In-Charge



R. Christopher Sharek, PE
Client Services Manager



TAB 2

QUALIFICATIONS OF THE FIRM

SF330 Part 1 (Sections A-C)

SF330 Part II



2 QUALIFICATIONS OF THE FIRM

A LOCAL FIRM WITH LONGEVITY AND THE TECHNICAL EXPERTISE YOU NEED !

For the past 43 years, Ardurra staff have been providing practical and economical engineering solutions to over 100 Florida governments and public utility authorities serving utility systems. Our diverse experience and expertise span the entire project delivery cycle from planning through design, construction, and operation of all aspects of water, wastewater and reclaimed water systems.

ORGANIZATIONAL STRUCTURE

Ardurra is privately/employee owned corporation and is managed by a Chief Executive Officer and Managing Principals that report to a Board of Directors. The Managing Principals oversee and participate in the operations of the company via two Divisions. The Operations Division consists of six Practices, from which our professional services are delivered. Services for this contract will be delivered by our Water/Wastewater Practice’s Sarasota/Tampa Group, with support services provided by other Practices as needed.



Ardurra Group, Inc. is a Top 500 ENR-ranked engineering firm offering exceptional client service and experience in a comprehensive range of engineering disciplines and services. We are licensed by the State of Florida to provide engineering, surveying, and landscape architecture services. Since 1977, we have been providing multi-disciplinary consulting engineering services to municipalities and agencies in Florida and nationwide. Currently has over 400 employees in 20+ office across the country.

PROPER PLANNING = EXCELLENT CLIENT SERVICE

Team member assignments are not only based on the individual’s areas of expertise and experience, but also their availability. Ardurra’s typical utilization averages between 60-65% annually. Additionally, our managers weekly update workload projections for their staff so that they can properly predict staffing needs for upcoming work. By doing so we are able to properly serve our clients and maintain a high level of personal service.

LOCATION OF HEADQUARTERS & OFFICES

Ardurra is headquartered in Tampa, FL. The work for the City of North Port will be performed out of our Sarasota office and our Tampa office.

Sarasota Office

Chris Sharek, PE
 Client Services Manager
 csharek@ardurra.com
 O: 941.351.9856
 M: 941.915.6003
 2930 University Parkway
 Sarasota, FL 34243

Tampa Office

Chris Kuzler, PE
 Principal-In-Charge
 ckuzler@ardurra.com
 O: 813.880.8881 x1140
 M: 727.992.4883
 4921 Memorial Highway, Suite 300
 Tampa, FL 33634



ABUNDANCE OF RESOURCES

We are a local team with local staff of 100+ working from our Sarasota/Tampa alone, bringing a collective 250+ years of experience in providing engineering and related services for water and wastewater systems located throughout the Tampa Bay communities, as well as nationally. Although we don't anticipate the need, we have 438 personnel nationwide that can jump in and assist with North Port's project assignments or to meet accelerated timelines.



PROVEN SUCCESSFUL WORKING WITH MULTIPLE CLIENTS

The majority of our municipal work experience has been assigned through our 21 continuing and miscellaneous utilities engineering contracts we have with Florida governments and agencies. Through these assignments, we have been able to assist our government clients in maintaining an outstanding level of service to their residents and increase operating efficiency while keeping costs at a minimum.

Many of these contracts have been maintained, continuously, for over 20 years. ***This is a testimony to Ardurra's depth of local resources, availability, and commitment to give you and your projects the attention you deserve.***

Our team members bring a deep bench of continuing contract utility engineering experience. As you will see on the following pages, our core, Tampa-based, water and wastewater team includes five (5) senior staff that have been working together at Ardurra for 15+ years successfully executing countless projects under utilities continuing services contracts including contracts with Sarasota County, and the Cities of Sarasota, Venice and Punta Gorda. They are backed by an experienced team of designers, technicians and support discipline staff, many of whom have been with Ardurra for over 20 years. This is a team that knows how to work together, enjoys working together, and knows how to execute projects just like yours!

CURRENT FLORIDA CERTIFICATE OF AUTHORIZATION & FLORIDA PROFESSIONAL LICENSES

**State of Florida
 Department of State**

I certify from the records of this office that ARDURRA GROUP, INC. is a corporation organized under the laws of the State of Florida, filed on December 19, 1977.

The document number of this corporation is 555540.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 31, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
 Great Seal of the State of Florida
 at Tallahassee, the Capital, this
 the Thirty-first day of January,
 2020*



Ronald DeSantis
 Secretary of State

Tracking Number: 9515816932CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.smbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Ron DeSantis, Governor

 **FBPE**
 FLORIDA BOARD OF
 PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ARDURRA GROUP, INC.

4921 MEMORIAL HIGHWAY
 SUITE 300
 TAMPA FL 33634

LICENSE NUMBER: CA2610

EXPIRATION DATE: FEBRUARY 28, 2021

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Ron DeSantis, Governor

Halsey Beshars, Secretary

 **dbpr**
 Florida

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT BUSINESS HEREIN HAS REGISTERED UNDER THE
 PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

ARDURRA GROUP, INC.

4921 MEMORIAL HWY SUITE 300
 TAMPA FL 33634

LICENSE NUMBER: LC26000183

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 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB2610**
 Expiration Date: February 28, 2021

Professional Surveyor and Mapper Business License
 Under the provisions of Chapter 472, Florida Statutes

ARDURRA GROUP, INC.
 4921 MEMORIAL HWY STE 300
 TAMPA, FL 33634-7507

Nicole Fried
 NICOLE "NIKKI" FRIED
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional name and address appearing above is licensed as required by Chapter 472, Florida Statutes.



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

 **dbpr**
 Florida

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BOARD OF PROFESSIONAL ENGINEERS

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KUZLER, CHRISTOPHER FRANK

1006 ROBINWOOD DRIVE
 OLDSMAR FL 34677

LICENSE NUMBER: PE45532

EXPIRATION DATE: FEBRUARY 28, 2021

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QUALIFICATIONS OF THE FIRM

RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY




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NIXON, TINA CHRISTINE
17915 WOODLAND VIEW DRIVE
LUTZ FL 33548

LICENSE NUMBER: PE52044
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TRAINA, THOMAS A.
13819 CHANDRON DRIVE
ODESSA FL 33556

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SHAREK, R. CHRISTOPHER
4060 MIDDLESEX PLACE
SARASOTA FL 34241

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TURNAGE, BENJAMIN CARL
3012 CHESSINGTON DR
LAND O LAKES FL 34638

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WEBER, DAVID ANTHONY
877 WATER-HYACINTH CT N E
ST PETERSBURG FL 337033176

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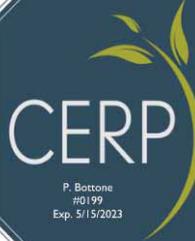
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Under the provisions of Chapter 472, Florida Statutes

OMNI COMMUNICATIONS, LLC
8509 BENJAMIN RD STE E
TAMPA, FL 33634-1224

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

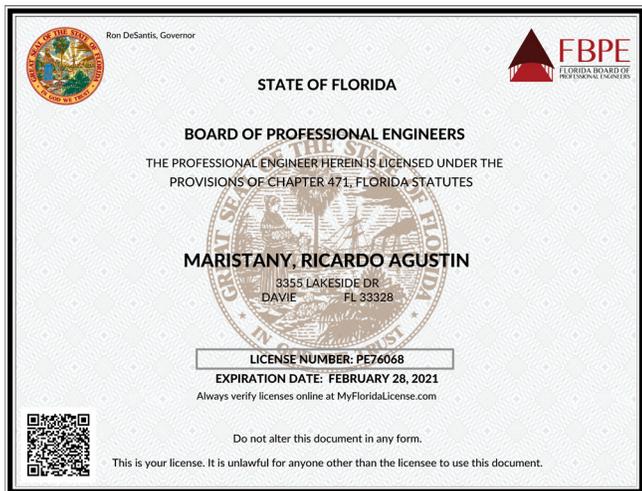


**CERTIFIED
ECOLOGICAL
RESTORATION
PRACTITIONER**

P. Bottone
#0199
Exp. 5/15/2023

BY THE SOCIETY FOR
ECOLOGICAL RESTORATION

QUALIFICATIONS OF THE FIRM



Ron DeSantis, Governor

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MARISTANY, RICARDO AGUSTIN
3355 LAKESIDE DR
DAVIE, FL 33328

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Florida Board of Professional Surveyors and Mappers
FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
ADAM H. PUTNAM, COMMISSIONER

This is to certify that

Jeffrey Kistner

has furnished satisfactory evidence of attainments and qualifications, and has complied with all of Chapter 472, Florida Statutes, and is hereby duly licensed as a

Professional Surveyor and Mapper

In conformity with an act of the Legislature of the state of Florida, creating and regulating that profession.

License Number: LS7125
Licensed Date: 03/10/2017

Adam H. Putnam
Commissioner, Florida Department of Agriculture and Consumer Services

Robin B. Petzold
Chair, Florida Board of Professional Surveyors and Mappers



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CLEARWATER, FL 337620000

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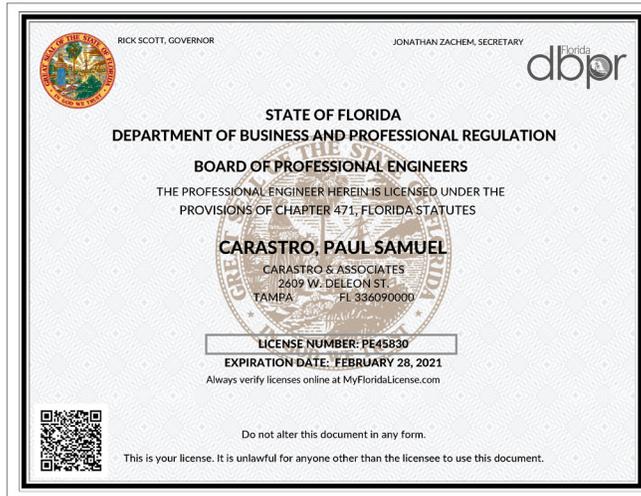
ENVISION

Tina Nixon

ENVISION SUSTAINABILITY PROFESSIONAL

May 24, 2020
May 24, 2021

Association for Sustainable Professionals



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

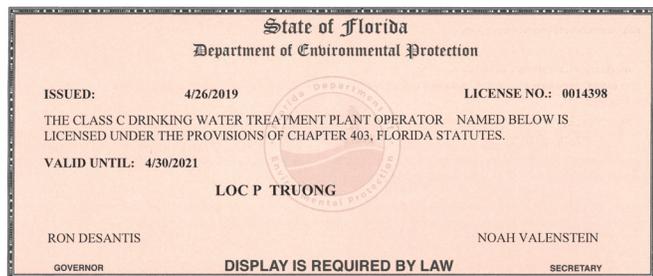
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CARASTRO, PAUL SAMUEL
CARASTRO & ASSOCIATES
2609 W. DELEON ST.
TAMPA, FL 336090000

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State of Florida
Department of Environmental Protection

ISSUED: 4/26/2019 LICENSE NO.: 0014398

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VALID UNTIL: 4/30/2021

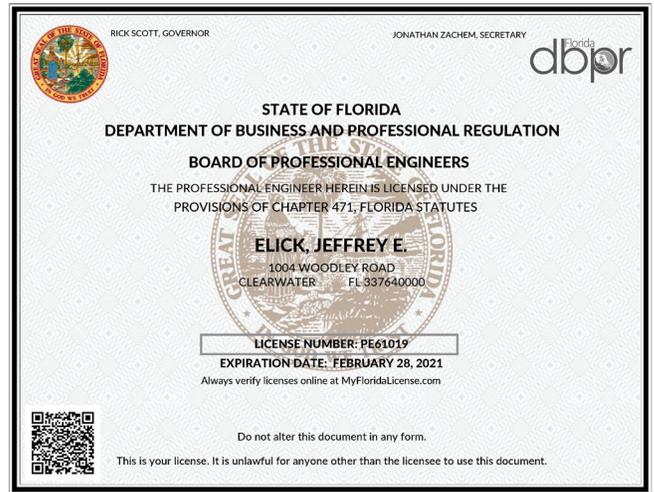
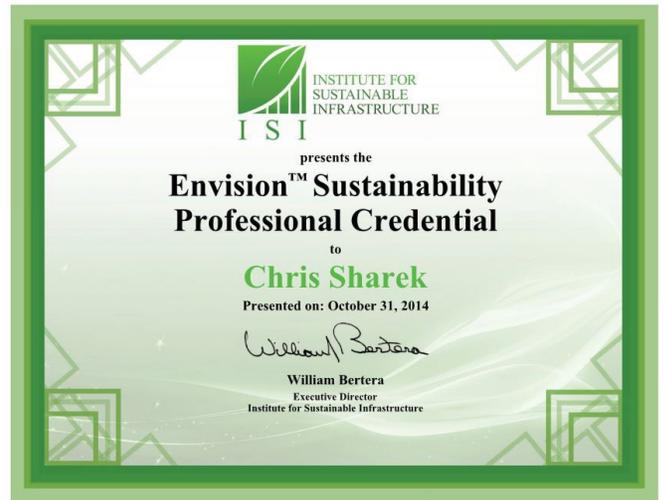
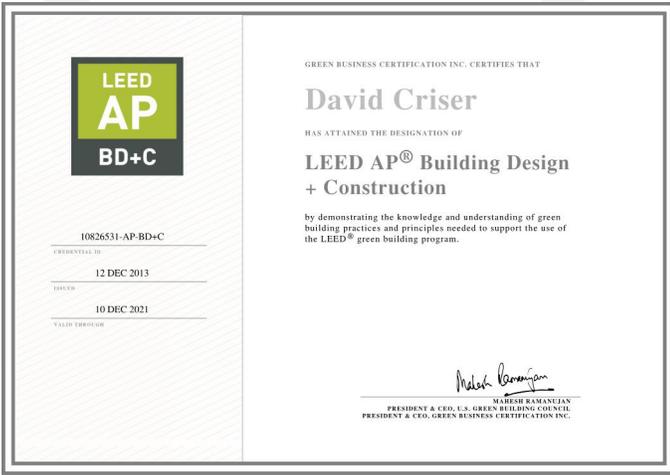
LOC P. TRUONG

RON DESANTIS
GOVERNOR

NOAH VALENSTEIN
SECRETARY

DISPLAY IS REQUIRED BY LAW

QUALIFICATIONS OF THE FIRM



SECTION A-C

Architect-Engineer Qualifications PART I - CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. Title and Location

Professional Engineering Services Continuing Services Contracts for City of North Port Utilities Department

2. Public Notice Date

6/17/2020

3. Solicitation or Project Number

RFP No. 2020- 58

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. Name and Title

Chris Sharek, PE - Client Services Manager

5. Name of Firm

 Ardurra Group, Inc.

6. Telephone Number

(941) 351-9856

7. Fax Number

8. E-Mail Address

csharek@ardurra.com

C. PROPOSED TEAM (complete this section for the prime contractor and all key subcontractors)

	(Check)			9. Firm Name	10. Address	11. Role in this Contract
	Prime	J-V Partner	Sub Contractor			
a.	X			 <input checked="" type="checkbox"/> Check if Branch Office	2930 University Parkway Sarasota, FL 34243	PRIME - Design/Ecological/Water/Wastewater/Reclaimed water/Biosolids/Construction Management/MOT/Structural/Landscape Arch/SCADA
b.	X			 <input checked="" type="checkbox"/> Check if Branch Office	4921 Memorial Highway, Suite 300 Tampa, FL 33634	PRIME - Design/Ecological/Water/Wastewater/Reclaimed water/Biosolids/Construction Management/MOT/Structural/Landscape Arch/SCADA
c.			X	 <input checked="" type="checkbox"/> Check if Branch Office	8509 Benjamin Road, Suite E Tampa, Florida 33634	Subsurface Utility Engineering (SUE)
d.			X	 Driggers Engineering Services, Inc. <input checked="" type="checkbox"/> Check if Branch Office	6185 Danner Drive Sarasota, FL 34240	Geotechnical Engineering
e.				Carastro & Associates, Inc. <input type="checkbox"/> Check if Branch Office	2609 W De Leon Street Tampa, FL 33609	Electrical Engineering
f.				<input type="checkbox"/> Check if Branch Office		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

Architect-Engineer Qualifications

1. SOLICITATION NUMBER **RFP-2020-58**
PART II - GENERAL QUALIFICATIONS - (If a firm has branch offices, complete for each specific branch office seeking work.)

2a. Firm (or branch office) Name Ardurra Group, Inc.			3. Year Established 2018	4. DUNS Number 092981521
2b. Street 2930 University Parkway			5. Ownership	
2c. City Sarasota	2d. State FL	2e. ZIP Code 34243	a. Type Corporation	
6a. Point of Contact Name and Title Chris Sharek, PE - Project Manager			b. Small Business Status N/A	
6b. Telephone Number 941-351-9856		6c. E-mail Address csharek@ardurra.com		7. Name of Firm (if block 2a is a branch office) N/A
8a. Former Firm Name(s) (if any) King Engineering Associates, Inc.			8b. Year Established 1977	8c. DUNS Number 092981521

9. Employees by Discipline				10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years		
a. Function Code	b. discipline	c. No. of employees		a. Function Code	b. discipline	c. Revenue
		(1) Firm	(2) Branch			
02	Administrative	89	1	W04	Wind Tunnels, Research/Testing	2
06	Architect	4		B02	Bridges	3
08	CADD Technician	46	1	C07	Coastal Engineering	4
12	Civil Engineer	50	1	C10	Commercial Buildings	3
15	Construction Inspector/Manager	33		C15	Construction Mgmt	5
18	Cost Engineer/Estimator	3		D02	Dams (Earth, Rock, Dikes, Levees)	4
23	Environmental Engineer	7	2	D03	Desalination	3
24	Environmental Scientist	14		D08	Dredging, Studies and Design	3
32	Hydraulic Engineer	6		E01	Ecological Investigations	3
38	Land Surveyor	13	2	E02	Educational Facilities	2
39	Landscape Architect	2		E09	Environmental Impact Studies	5
42	Mechanical Engineer	1		H01	Harbors; Jetties; Piers; Ship Terminals	2
47	Planner: Urban/Regional	3		H06	High-Rise Buildings	1
48	Project Manager	5		H07	Highways, Streets & Parking Lots	3
52	Sanitary Engineer	24		H09	Hospitals & Medical Facilities	2
57	Structural Engineer	14		H11	Housing	6
58	Technical/Analyst	14		I01	Industrial Buildings	3
62	Water Resources Engineer	10		I03	Industrial Waste Treatment	1
				I06	Irrigation; Drainage	2
	Other			L01	Medical Research Facilities	2
	Surveying Crew & Technician	43	4	L02	Land Surveying	6
	Construction Field Representative	15		L03	Landscape Architecture	2
	IT/Computer Technician	2		M01	Mapping Systems	2
	GIS Specialist	4		N02	Navigation Structures, Locks	1
	Electrical/SCADA Technician	3		P05	Planning (Community; Reg. Area)	2
	Aquatic Engineer	4		P04	Pipelines	4
	Disaster Recovery/Management	28		P05	Regional Planning	4
	Historic Preservation Specialist	1		R04	Recreational Facilities (Parks, Marinas, etc.)	3
				R06	Rehabilitation (Buildings, Structures)	3
				R11	Rivers; Canals; Waterways; Flood Control	6
				S04	Sewage Collection; Treatment; Disposal	7
				S07	Solid Waste; Incineration; Landfill	6
				S09	Structural Design; Specialty Structures	4
				S10	Surveying; Platting; Mapping	6
				S13	Stormwater	3
				T04	Topographic Surveying & Mapping	6
				WW02	Water Resources; Hydrology	3
				WW03	Water Supply, Treatment & Distribution	8
TOTAL		438	11			

11. Annual Average Professional Services Revenues of Firm for Last 3 Years (Insert revenue index number shown at right)	
a. Federal Work	8
b. Non-Federal Work	9
c. Total Work	10

Professional Services Revenue Index Number	
1. Less than \$100,00	6. \$2 million to less than \$5 million
2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
5. \$1 million to less than \$2 million	10. \$50 million or greater

12. Authorized Representative - The foregoing is a statement of facts.

a. Signature	b. Date July 17, 2020
c. Name and Title Christopher F. Kuzler, PE - Director	

Architect-Engineer Qualifications | 1. SOLICITATION NUMBER **RFP-2020-58**

PART II - GENERAL QUALIFICATIONS - (If a firm has branch offices, complete for each specific branch office seeking work.)

2a. Firm (or branch office) Name	 Ardurra Group, Inc.	3. Year Established	2018	4. DUNS Number	092981521
2b. Street	4921 Memorial Highway, Suite 300		5. Ownership		
2c. City	Tampa	2d. State	FL	2e. ZIP Code	33634
6a. Point of Contact Name and Title	Christopher F. Kuzler, PE - Managing Principal		a. Type Corporation		
6b. Telephone Number	813-880-8881	6c. E-mail Address	ckuzler@ardurra.com		
8a. Former Firm Name(s) (if any)	King Engineering Associates, Inc.		7. Name of Firm (if block 2a is a branch office) N/A		
			8b. Year Established	1977	8c. DUNS Number
					092981521

9. Employees by Discipline				10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years		
a. Function Code	b. discipline	c. No. of employees		a. Function Code	b. discipline	c. Revenue
		(1) Firm	(2) Branch			
02	Administrative	89	21	W04	Wind Tunnels, Research/Testing	2
06	Architect	4		B02	Bridges	3
08	CADD Technician	46	15	C07	Coastal Engineering	4
12	Civil Engineer	50	11	C10	Commercial Buildings	3
15	Construction Inspector/Manager	33	6	C15	Construction Mgmt	5
18	Cost Engineer/Estimator	3		D02	Dams (Earth, Rock, Dikes, Levees)	4
23	Environmental Engineer	7		D03	Desalination	3
24	Environmental Scientist	14	5	D08	Dredging, Studies and Design	3
32	Hydraulic Engineer	6		E01	Ecological Investigations	3
38	Land Surveyor	13	3	E02	Educational Facilities	2
39	Landscape Architect	2	2	E09	Environmental Impact Studies	5
42	Mechanical Engineer	1		H01	Harbors; Jetties; Piers; Ship Terminals	2
47	Planner: Urban/Regional	3	1	H06	High-Rise Buildings	1
48	Project Manager	5		H07	Highways, Streets & Parking Lots	3
52	Sanitary Engineer	24	15	H09	Hospitals & Medical Facilities	2
57	Structural Engineer	14		H11	Housing	6
58	Technical/Analyst	14	1	I01	Industrial Buildings	3
62	Water Resources Engineer	10		I03	Industrial Waste Treatment	1
				I06	Irrigation; Drainage	2
	Other			L01	Medical Research Facilities	2
	Surveying Crew & Technician	43	19	L02	Land Surveying	6
	Construction Field Representative	15		L03	Landscape Architecture	2
	IT/Computer Technician	2	2	M01	Mapping Systems	2
	GIS Specialist	4		N02	Navigation Structures, Locks	1
	Electrical/SCADA Technician	3		P05	Planning (Community; Reg. Area)	2
	Aquatic Engineer	4		P04	Pipelines	4
	Disaster Recovery/Management	28	1	P05	Regional Planning	4
	Historic Preservation Specialist	1		R04	Recreational Facilities (Parks, Marinas, etc.)	3
				R06	Rehabilitation (Buildings, Structures)	3
				R11	Rivers; Canals; Waterways; Flood Control	6
				S04	Sewage Collection; Treatment; Disposal	7
				S07	Solid Waste; Incineration; Landfill	6
				S09	Structural Design; Specialty Structures	4
				S10	Surveying; Platting; Mapping	6
				S13	Stormwater	3
				T04	Topographic Surveying & Mapping	6
				WW02	Water Resources; Hydrology	3
				WW03	Water Supply, Treatment & Distribution	8
	TOTAL	438	102			

11. Annual Average Professional Services Revenues of Firm for Last 3 Years
(Insert revenue index number shown at right)

a. Federal Work	8
b. Non-Federal Work	9
c. Total Work	10

Professional Services Revenue Index Number

1. Less than \$100,00
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

12. Authorized Representative - The foregoing is a statement of facts.

a. Signature		b. Date	July 17, 2020
c. Name and Title	Christopher F. Kuzler, PE - Director		

Architect-Engineer Qualifications | 1. SOLICITATION NUMBER **RFP-2020-58**

PART II - GENERAL QUALIFICATIONS - (If a firm has branch offices, complete for each specific branch office seeking work.)

2a. Firm (or branch office) Name  Ardurra Group, Inc.		3. Year Established 2018	4. DUNS Number 092981521
2b. Street 8700 West Flagler Street, Suite 180		5. Ownership	
2c. City Miami	2d. State FL	2e. ZIP Code 33174	a. Type Corporation
6a. Point of Contact Name and Title Agustin Maristany, PE - Managing Director		b. Small Business Status N/A	
6b. Telephone Number 786-656-4045	6c. E-mail Address amaristany@ardurra.com		7. Name of Firm (if block 2a is a branch office) N/A
8a. Former Firm Name(s) (if any) King Engineering Associates, Inc.		8b. Year Established 1977	8c. DUNS Number 092981521

9. Employees by Discipline				10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years		
a. Function Code	b. discipline	c. No. of employees		a. Function Code	b. discipline	c. Revenue
		(1) Firm	(2) Branch			
02	Administrative	89	9	W04	Wind Tunnels, Research/Testing	2
06	Architect	4		B02	Bridges	3
08	CADD Technician	46	1	C07	Coastal Engineering	4
12	Civil Engineer	50	3	C10	Commercial Buildings	3
15	Construction Inspector/Manager	33	1	C15	Construction Mgmt	5
18	Cost Engineer/Estimator	3		D02	Dams (Earth, Rock, Dikes, Levees)	4
23	Environmental Engineer	7		D03	Desalination	3
24	Environmental Scientist	14		D08	Dredging, Studies and Design	3
32	Hydraulic Engineer	6	1	E01	Ecological Investigations	3
38	Land Surveyor	13		E02	Educational Facilities	2
39	Landscape Architect	2		E09	Environmental Impact Studies	5
42	Mechanical Engineer	1		H01	Harbors; Jetties; Piers; Ship Terminals	2
47	Planner: Urban/Regional	3		H06	High-Rise Buildings	1
48	Project Manager	5		H07	Highways, Streets & Parking Lots	3
52	Sanitary Engineer	24	2	H09	Hospitals & Medical Facilities	2
57	Structural Engineer	14		H11	Housing	6
58	Technical/Analyst	14		I01	Industrial Buildings	3
62	Water Resources Engineer	10	3	I03	Industrial Waste Treatment	1
				I06	Irrigation; Drainage	2
	Other			L01	Medical Research Facilities	2
	Surveying Crew & Technician	43		L02	Land Surveying	6
	Construction Field Representative	15		L03	Landscape Architecture	2
	IT/Computer Technician	2	1	M01	Mapping Systems	2
	GIS Specialist	4		N02	Navigation Structures, Locks	1
	Electrical/SCADA Technician	3		P05	Planning (Community; Reg. Area)	2
	Aquatic Engineer	4		P04	Pipelines	4
	Disaster Recovery/Management	28		P05	Regional Planning	4
	Historic Preservation Specialist	1		R04	Recreational Facilities (Parks, Marinas, etc.)	3
				R06	Rehabilitation (Buildings, Structures)	3
				R11	Rivers; Canals; Waterways; Flood Control	6
				S04	Sewage Collection; Treatment; Disposal	7
				S07	Solid Waste; Incineration; Landfill	6
				S09	Structural Design; Specialty Structures	4
				S10	Surveying; Platting; Mapping	6
				S13	Stormwater	3
				T04	Topographic Surveying & Mapping	6
				WW02	Water Resources; Hydrology	3
				WW03	Water Supply, Treatment & Distribution	8
	TOTAL	438	21			

11. Annual Average Professional Services Revenues of Firm for Last 3 Years (Insert revenue index number shown at right)

a. Federal Work	8
b. Non-Federal Work	9
c. Total Work	10

Professional Services Revenue Index Number

1. Less than \$100,00
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

12. Authorized Representative - The foregoing is a statement of facts.

a. Signature 	b. Date July 17, 2020
c. Name and Title Christopher F. Kuzler, PE - Director	

Architect-Engineer Qualifications

1. SOLICITATION NUMBER **RFP-2020-58**

PART II - GENERAL QUALIFICATIONS - (If a firm has branch offices, complete for each specific branch office seeking work.)

2a. Firm (or branch office) Name Ardurra Group, Inc.				3. Year Established 2018	4. DUNS Number 092981521
2b. Street 3809 Peachtree Avenue, Suite 102				5. Ownership	
2c. City Wilmington		2d. State NC	2e. ZIP Code 28403		a. Type Corporation
6a. Point of Contact Name and Title Dave Criser, PE - Structural Practice Leader				b. Small Business Status N/A	
6b. Telephone Number 910-397-2929		6c. E-mail Address dcriser@ardurra.com		7. Name of Firm (if block 2a is a branch office) N/A	
8a. Former Firm Name(s) (if any) King Engineering Associates, Inc.				8b. Year Established 1977	8c. DUNS Number 092981521

9. Employees by Discipline				10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years		
a. Function Code	b. discipline	c. No. of employees		a. Function Code	b. discipline	c. Revenue
		(1) Firm	(2) Branch			
02	Administrative	89	4	W04	Wind Tunnels, Research/Testing	2
06	Architect	4		B02	Bridges	3
08	CADD Technician	46	2	C07	Coastal Engineering	4
12	Civil Engineer	50		C10	Commercial Buildings	3
15	Construction Inspector/Manager	33		C15	Construction Mgmt	5
18	Cost Engineer/Estimator	3		D02	Dams (Earth, Rock, Dikes, Levees)	4
23	Environmental Engineer	7		D03	Desalination	3
24	Environmental Scientist	14		D08	Dredging, Studies and Design	3
32	Hydraulic Engineer	6		E01	Ecological Investigations	3
38	Land Surveyor	13		E02	Educational Facilities	2
39	Landscape Architect	2		E09	Environmental Impact Studies	5
42	Mechanical Engineer	1		H01	Harbors; Jetties; Piers; Ship Terminals	2
47	Planner: Urban/Regional	3		H06	High-Rise Buildings	1
48	Project Manager	5		H07	Highways, Streets & Parking Lots	3
52	Sanitary Engineer	24		H09	Hospitals & Medical Facilities	2
57	Structural Engineer	14	8	H11	Housing	6
58	Technical/Analyst	14		I01	Industrial Buildings	3
62	Water Resources Engineer	10		I03	Industrial Waste Treatment	1
				I06	Irrigation; Drainage	2
	<i>Other</i>			L01	Medical Research Facilities	2
	Surveying Crew & Technician	43		L02	Land Surveying	6
	Construction Field Representative	15		L03	Landscape Architecture	2
	IT/Computer Technician	2		M01	Mapping Systems	2
	GIS Specialist	4		N02	Navigation Structures, Locks	1
	Electrical/SCADA Technician	3		P05	Planning (Community; Reg. Area)	2
	Aquatic Engineer	4		P04	Pipelines	4
	Disaster Recovery/Management	28		P05	Regional Planning	4
	Historic Preservation Specialist	1		R04	Recreational Facilities (Parks, Marinas, etc.)	3
				R06	Rehabilitation (Buildings, Structures)	3
				R11	Rivers; Canals; Waterways; Flood Control	6
				S04	Sewage Collection; Treatment; Disposal	7
				S07	Solid Waste; Incineration; Landfill	6
				S09	Structural Design; Specialty Structures	4
				S10	Surveying; Platting; Mapping	6
				S13	Stormwater	3
				T04	Topographic Surveying & Mapping	6
				WW02	Water Resources; Hydrology	3
				WW03	Water Supply, Treatment & Distribution	8
	TOTAL	438	14			

11. Annual Average Professional Services Revenues of Firm for Last 3 Years
(Insert revenue index number shown at right)

a. Federal Work	8
b. Non-Federal Work	9
c. Total Work	10

- Professional Services Revenue Index Number*
- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Less than \$100,00 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million | <ol style="list-style-type: none"> 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater |
|---|--|

12. Authorized Representative - The foregoing is a statement of facts.

a. Signature	b. Date July 17, 2020
c. Name and Title Christopher F. Kuzler, PE - Director	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
2020-58

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME OMNI Communications, LLC			3. YEAR ESTABLISHED 2002	4. DUNS NUMBER 006068545
2b. STREET 8509 Benjamin Road, Suite E			5. OWNERSHIP	
2c. CITY Tampa	2d. STATE FL	2e. ZIP CODE 33634	a. TYPE LLC	
6a. POINT OF CONTACT NAME AND TITLE John K. Saunders PE, Chief Operating Officer			b. SMALL BUSINESS STATUS NAICS 561990	
6b. TELEPHONE NUMBER (813) 852-1888		6c. E-MAIL ADDRESS jsaunders@omni-communications.com	7. NAME OF FIRM (If block 2a is a branch office) N/A	
8a. FORMER FIRM NAME(S) (If any) N/A			8b. YR. ESTABLISHED —	8c. DUNS NUMBER —

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
02	Administrative	6	6	A04	Air Pollution Control	
10	Chemical Engineer			A12	Automation; Controls; Instrumentation	
12	Civil Engineer	2	2	C15	Construction Management	
13	Communications Engineer			E03	Electrical Studies and Design	
14	Computer Programmer			E07	Energy Conservation; New Energy Sources	
16	Construction Manager			E09	Envir. Impact Studies, Assessments or Statements	
19	Ecologist			E11	Environmental Planning	
21	Electrical Engineer			E12	Environmental Remediation	
23	Environmental Engineer			G04	GIS Svcs.: Development, Analysis, Data Collection	
24	Environmental Scientist			H03	Hazardous, Toxic, Radioactive Waste Remediation	
27	Foundation/Geotech Engineer			I03	Industrial Waste Treatment	
29	GIS Specialist			S02	Security Systems; Intruder and Smoke Detection	
30	Geologist			S04	Sewage Collection, Treatment and Disposal	
34	Hydrologist			S07	Solid Wastes; Incineration; Landfill	
38	Land Surveyor	2	2	S13	Storm Water Handling and Facilities	
42	Mechanical Engineer			U01	Unexploded Ordnance Remediation	
48	Project Manager			U02	Urban Renewal; Community Development	
57	Structural Engineer			W02	Water Resources; Hydrology; Ground Water	
58	Technician/Analyst	3	3	W03	Water Supply, Treatment and Distribution	
62	Water Resources Engineer			H07	Highways, Streets	6
	Other – Subsurface Util. Eng.	10	10		Information Technology	
	Other – Utility Coordination	12	9		Management Consulting	
	Other – Field Survey	10	10			
	Total	45	42			

<p>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>a. Federal Work</td><td style="text-align: center;">0</td></tr> <tr><td>b. Non-Federal Work</td><td style="text-align: center;">6</td></tr> <tr><td>c. Total Work</td><td style="text-align: center;">6</td></tr> </table>	a. Federal Work	0	b. Non-Federal Work	6	c. Total Work	6	<p style="text-align: center;">PROFESSIONAL SERVICES REVENUE INDEX NUMBER</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million </td> <td style="width: 50%;"> 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater </td> </tr> </table>	1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
a. Federal Work	0								
b. Non-Federal Work	6								
c. Total Work	6								
1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater								

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE July 15, 2020
c. NAME AND TITLE John Saunders PE, Chief Operating Officer	

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
RFP 2020-58

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Carastro & Associates, Inc.				3. YEAR ESTABLISHED 1960		4. DUNS NUMBER 072536956	
2b. STREET 2609 W. De Leon Street				5. OWNERSHIP a. TYPE Corporation			
2c. CITY Tampa		2d. STATE FL	2e. ZIP CODE 33609				
6a. POINT OF CONTACT NAME AND TITLE Paul Carastro, P.E., Executive Vice President				b. SMALL BUSINESS STATUS Small Business			
6b. TELEPHONE NUMBER (813) 874-9494		6c. E-MAIL ADDRESS paul.carastro@carastro.com		7. NAME OF FIRM <i>(If block 2a is a branch office)</i>			
8a. FORMER FIRM NAME(S) <i>(If any)</i>				8b. YR. ESTABLISHED		8c. DUNS NUMBER	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS			
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>	
		(1) FIRM	(2) BRANCH				
02	Administrative	2		A06	Freight Handling/Airports	1	
08	CADD Technician	6		A11	Auditoriums/Theatres	1	
21	Electrical Engineer	4		B01	Dormitories	2	
42	Mechanical Engineer	4		C06	Churches/Chapels	1	
58	Technical Designers	14		C10	Commercial Buildings Low Rise	4	
				C12	Communications Systems	1	
				C13	Computer Facilities	3	
				E02	Educational/Classroom	3	
				E03	Electrical Studies/Design	2	
				F03	Fire Protection	2	
				G01	Garages/Parking	2	
				H04	HVAC	5	
				H06	High Rise All Types	2	
				H09	Hospitals/Medical Facilities	3	
				L01	Laboratories/Medical Research	1	
				L04	Libraries/Museums	2	
				L05	Lighting (Interiors, Theatre, etc.)	2	
				L06	Lighting(Exteriors/Streets/Athletic)	2	
				P07	Plumbing and Piping Design	2	
				S02	Security Systems/Intruder/Smoke	1	
	Other Employees			S04	Sewage Collection/Treatment	1	
Total		30		V01	Value Analysis Life Cycle Costing	1	
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>				PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	3	1. Less than \$100,000.		6. \$2 million to less than \$5 million			
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million			
c. Total Work	6	3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million			
		4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million			
		5. \$1 million to less than \$2 million		10. \$50 million or greater			

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

a. SIGNATURE 		b. DATE July 15, 2020
c. NAME AND TITLE Paul Carastro, Executive Vice President		

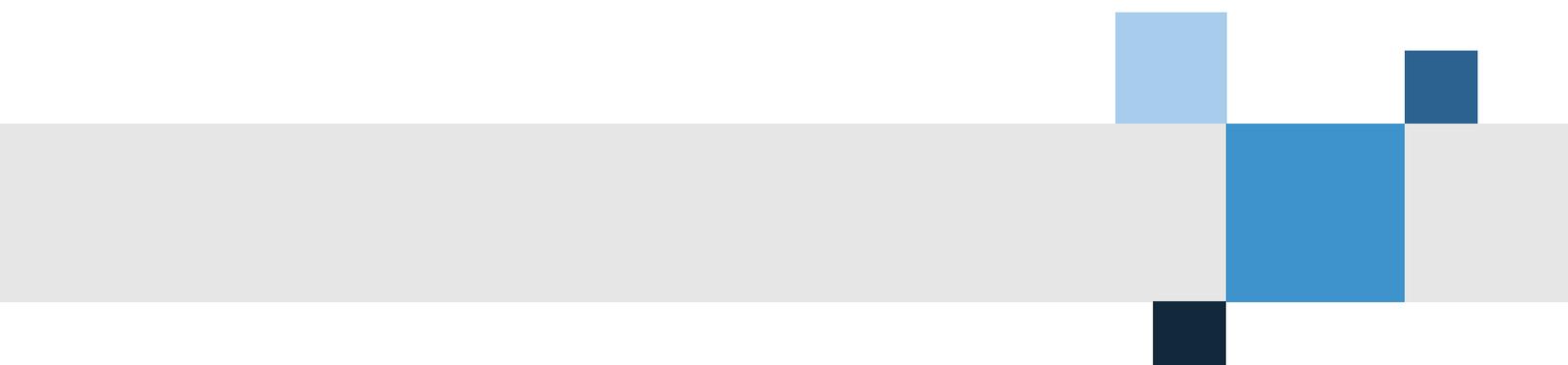


TAB 3

KEY PERSONNEL/QUALIFICATIONS OF THE TEAM

SF330 Section D

SF330 Section E



3

KEY PERSONNEL / QUALIFICATIONS OF THE TEAM

ORGANIZED FOR EFFICIENT, SUCCESSFUL PROJECT DELIVERY

To carry out the services for the City of North Port Utilities Department, we have organized a fully qualified team of seasoned professionals selected for their technical expertise and extensive utilities engineering experience in potable water, wastewater and reclaimed water systems and related technologies. The following narrative highlights our key Ardurra team members, their roles and qualifications.

KEY PERSONNEL



CHRIS KUZLER, PE
PRINCIPAL-IN-CHARGE

Chris will see to it that all of the City’s needs are met and the appropriate personnel resources are provided. Chris has been directly involved with the successful execution of all of Ardurra’s water, wastewater and reclaimed water engineering and consulting projects since 1992. During this time, he has served as the Project Manager, Engineer of Record and/or Principal-in-Charge for 250+ Capital Improvement Program assignments encompassing the full range of water/wastewater engineering including:

Water Supply and Treatment	<ul style="list-style-type: none"> Numerous upgrades to the City of Dunedin’s wellfield and reverse osmosis water treatment plant A new 1.3 MGD seawater reverse osmosis water treatment plant in Nassau, Bahamas Pasco County’s Southeast Water Treatment Plant and Wellfield Modifications
Water Storage and Pumping Systems	<ul style="list-style-type: none"> The City of Dunedin’s Belcher Road and Weathersfield water repump stations Pinellas County’s 100 MGD North Booster Pump Station upgrades and the new 30 MGD Logan Booster Pump Station
Water Transmission Mains	<ul style="list-style-type: none"> Peace River Manasota Regional Transmission System Phases 1, 2 and 3B Central Pasco Water System Improvements Dunedin Causeway Utilities Replacement Project
Water Main Replacements	<ul style="list-style-type: none"> 45 miles of water main replacements for the 150 mile Pinellas County Galvanized Pipe Replacement Program 6 miles of water main replacements for the City of Venice Water Main Replacement Program Phases 1, 3, 5, 6, 7, 8
Wastewater Collection and Pumping Systems	<ul style="list-style-type: none"> 7 miles of 12 to 20-inch force mains and four lift station upgrades for the City of Largo’s Wet Weather Force Main and Monitoring System; A new 24-MGD wastewater pump station and ± 17,900 LF of 30 and 36” force main for Hillsborough County’s River Oaks Diversion Project
Septic-to-Sewer Conversions	<ul style="list-style-type: none"> The City of Clearwater’s Idlewild/The Mall, CR-139, Belcher Area, Grove Circle and Kapok Terrace Septic to Sewer projects (655 lots) The City of Tarpon Springs Lake Tarpon Phase 3 Septic to Sewer projects (95 lots)

Pump Station Rehabilitations	<ul style="list-style-type: none"> • City of Clearwater’s Lift Stations 15, 25, 33 & 42 rehabilitations • Pinellas County’s Pump Station 76, 77 and 78 rehabilitations • 19 pump station rehabilitations for Miami-Dade Water and Sewer Department Pump Station Improvement Program
Wastewater Treatment	<ul style="list-style-type: none"> • Miscellaneous Improvements at Dunedin’s 6.0 MGD AWTP • Field evaluation and a study to reduce energy consumption at the City of Lakeland’s 13.7 MGD Glendale WRF and subsequent development of design/build construction documents • Headworks expansion and filter rehabilitation at the City of Sarasota’s WRF
Biosolids	<ul style="list-style-type: none"> • Pinellas County’s South Cross Bayou AWRF Sludge Thickening and Dewatering System Improvements • Pinellas and Manatee Counties, and the City of Philadelphia’s Biosolids Pelletizers
Reclaimed Water Distribution	<ul style="list-style-type: none"> • North Pinellas Reclaimed Water System Phases 3A and 3B • City of Treasure Island Reclaimed Water System • City of Tarpon Springs Westwinds and Grassy Pointe Reclaimed Water Systems
Studies/ Evaluations	<ul style="list-style-type: none"> • City of Venice Cast Iron Water Main Assessment Program Phase 1 • City of Dunedin Water and Wastewater Treatment Plants Master Plans • Ground Water Rule/Disinfection and Virus Inactivation studies at the City of Clearwater’s water plants 1, 2 and 3
Permitting	<ul style="list-style-type: none"> • FDEP Domestic Wastewater Permit Renewals, Capacity Analysis Reports and Operation & Maintenance Performance Reports for the City of Dunedin’s WWTP, the City of Tarpon Springs WWTP, the City of Oldsmar’s WRF and the City of Clearwater’s East and Northeast WRFs
Master Planning	<ul style="list-style-type: none"> • University of Florida Water and Reclaimed Water Hydraulic Models and Master Plans • Town of Orange Park Water, Wastewater and Reclaimed Water Master Plan • League City Water Master Plan



CHRIS SHAREK, PE, BCEE, PMP, ENV SP

PROJECT MANAGER/CLIENT SERVICES MANAGER

Project Manager/Client Services Manager Chris Sharek has been working in Southwest Florida all 22 of his years of engineering career. During this time, he has developed significant and extremely constructive relationships with multiple jurisdictions, regulatory agencies, and the overall engineering and construction community. These relationships are critical in obtaining permits, responding to requests for information, and securing qualified contractors for bids. As Mr. Sharek will truly serve the City as an extension of staff, North Port will see these direct benefits during this Project.

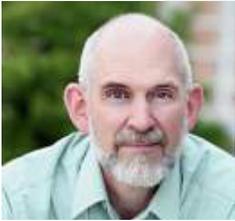
Continuing services contracts are exactly the kind of projects the Ardurra team has successfully completed for clients in Southwest Florida for over the past ten years. As indicated in our project team, our project manager Chris Sharek has served as a private consulting engineer as well as the Utilities Manager in a public sector role. His understanding of utility ownership and the long-term maintenance requirements for buried infrastructure, coupled with design experience, provide a broad and comprehensive project manager who will truly will be looking out for the City’s best interest.

Chris leads the Sarasota Office which includes 11 full-time employees including additional engineering, surveying, ecological and administrative team members. Design, permitting and construction management support will be provided by staff in our Tampa office who have already successfully demonstrated to other clients their ability to provide responsive and personal service from that location.

KEY PERSONNEL / QUALIFICATIONS OF THE TEAM

Sharek's Experience relating to the City of North Port's Scope of Work:

- Client Services Manager for City of Sarasota developing their first Deep Injection Well; required close coordination with hydrogeologic staff to conduct well siting, design, permitting and construction oversight.
- Design-Build Contract Administrator for Sarasota County Nokomis Force Main Phase 1. Working with a local contractor and engineer of record, Sharek oversaw the design, permitting and construction of 2,200 linear feet of 4-inch force main in an narrow and utility-congested corridor along Colonia Avenue.
- Client Services Manager for the City of Sarasota on varying assignments including potable water main replacements within FDOT corridor (US 41), pump station design and construction oversight, state permitting of surface water discharges, ground storage tank design and construction, and various studies, evaluations, and program developments.



SUSTAINABILITY – LEED – ENVISION PROFESSIONALS

David Criser, PE, LEED, Chris Sharek, PE, ENV SP, Tina Nixon, PE, ENV SP and Kaitlin Jeffords, EI, ENV SP will be providing sustainability and resource minded practices to the City's projects. David Criser, PE, is a LEED Accredited Professional in Building Design and Construction (LEED AP BD+C). Team members, Chris Sharek, PE, Tina Nixon, PE and Kaitlin Jeffords, EI are Envision™ Sustainability Professionals. Envision utilizes infrastructure sustainability practices for planning, designing, building and maintaining infrastructure, similar to its LEED counterpart; however this rating system applies more to utility infrastructure and systems.



Recent sustainability projects for Chris include utilities elements for a Climate Resilience Study and Action Plan for the City of Sarasota, FL; evaluation of green infrastructure and low impact development stormwater treatment

options for the City of Venice and 12 electric vehicle charging stations at various Florida locations. He is about to start on a Climate Resiliency Study for the City of Oldsmar. David Criser, LEED AP BD+C oversaw structural engineering services for MacDill Airforce Base's LEED Silver Outdoor Recreation Center & Storage Warehouse consisting of a 5,000 SF office building and a 2,400 SF of equipment storage warehouse. David routinely utilizes sustainable stormwater management techniques including pervious concrete, pervious asphalt, and stormwater runoff reduction methods including infiltration systems. He has worked with landscapers to provide shade and reduce the heat island effects. As a company, our practice is to utilize site impact reduction technologies even if the project is not a LEED project.



BEN TURNAGE, PE

CONSTRUCTION MANAGEMENT/FIELD OBSERVATION & ALTERNATE DELIVERY

Ben's expertise is in project management, design, permitting, and construction administration for water and wastewater treatment, pumping and conveyance systems as well as utility relocations. He has significant experience in process design and the rehabilitation of existing facilities, FDOT utility relocations, large diameter pipelines, and alternative delivery (Design-Build, Progressive Design-

Build and CMAR) projects - all while maintaining daily operations.

Experience Highlights

- Project Manager for a new septage receiving station and a new odor control system serving a new headworks, grit facility and existing influent pump station as part of Pinellas County's South Cross Bayou WRF Headworks and Grit Facility Progressive Design-Build Project
- Project Manager and Engineer of Record for a new sludge holding and thickening facility including rotary drum thickeners, transfer pumps and odor control scrubbers for the Pinellas County South Cross Bayou WRF
- Project Manager for utility relocations projects assigned to Ardurra through our Hillsborough County' As- Needed Utilities Relocations Contract, since 2010, as such, experienced in the pipeline designs for difficult installations (limited ROW space, major roadway crossings, and trenchless construction methods and construction phasing to accommodate

traffic. Also provide utility relocations for the FDOT Gateway Express and for the Ulmerton Road widening projects.

- Engineer of Record for 9,000 LF of 36-inch force main in the median of Park Boulevard for Pinellas County's South Cross Bayou AWRP Redundant Influent Force Main project.
- Engineer of Record for utility relocations and new utilities for the city of Tampa's Upper Peninsula Drainage Improvements Design-Build project involving the construction of 8,100 linear feet of new 9'x6' concrete box culvert and new water mains and sewers along both sides of a heavily treed residential corridor.
- Engineer of Record for design, permitting, and construction management of a new 24-MGD wastewater pump station, ~5,000 LF of new 36-inch force main and ~12,900 LF of 30-inch force main and ~21,000 of new 20-inch reclaimed water main as part of Hillsborough County's River Oaks Diversion Design-Build project.



TOM TRAINA, PE

WATER / WASTEWATER / RECLAIMED WATER & BIOSOLIDS

Tom offers 40 years of project management, planning, design and construction administration experience with water and wastewater treatment plants from 2 MGD to 330 MGD, large diameter pipelines, storage and booster pump systems, wastewater pump stations, septage receiving stations, plant rehabilitations, and regulatory assistance. Tom specializes in construction sequencing, bypass piping design and other design strategies that allow existing facilities to remain in operation throughout the construction period.

Experience Highlights

- Tom was the Project Manager for design and construction of the 2 MGD Southwest Water Treatment Plant with chloramines disinfection, 7,000 LF of raw water collector mains, a 4.0 MG finished water storage tank, and a 3.75 MGD high service pumping station.
- Project Manager and Engineer of Record for Pasco County's Shady Hills WWTP Expansion from a 2 MGD plant to 14 MGD
- Project Manager and Engineer-of-Record for several projects at the City of Clearwater Water Reclamation Facilities including
 - Rehabilitation of the 14 clarifiers at the City of Clearwater's East, Northeast and Marshall Street WRFs
 - Reconstruction of 18 rapid sand filters at the City of Clearwater's Marshall Street and East WRFs
 - Design of a 2 MG off-line equalization basin and associated pumping facilities and the replacement of two primary clarifiers with Salsnes (traveling screen) Filters at the City's Northeast WRF.
- Design and Construction Services for 18 miles of large diameter water main – 24" – 48" in diameter for the Peace River Manasota Regional Water Supply Authority Interconnects Phases 1, 2 and 3B.



JEFF ELICK, PE

WATER / WASTEWATER / RECLAIMED WATER & BIOSOLIDS

Jeffrey Elick, PE is Florida Professional Engineer and Florida licensed Class A Wastewater Treatment Plant Operator with exceptional experience in wastewater treatment and processing including facility operations and maintenance, evaluations, design, permitting, and construction. Jeff has been designing wastewater and biosolids facilities for 21 years. Prior to obtaining his engineering degree, Jeff worked as an operator at many of the larger wastewater plants in the Tampa Bay Area, including the city of St. Petersburg's plants. His past wastewater plant operations management experience has provided him with the ability to start-up and optimize integrated systems on a plant-wide scale and to evaluate equipment installation, maintenance, operational and regulatory issues. In addition to his wastewater treatment design and operations, he also has significant experience with biosolids processing systems.

Experience Highlights

- Jeff provided design, permitting, startup and O & M assistance for the Pinellas County Pelletizer (30 DTPD) the new Manatee County Pelletizer Facility (32 DTPD) and the City of Philadelphia Pelletizer (250 DTPD)
- Performed field evaluations and developed an Energy Reduction Study aimed at reducing energy consumption at the City of Lakeland's Glendale and Northside wastewater treatment plants. Provided subsequent design for new aerations systems for the Glendale WWTP Aeration Optimization Design – Build ESCO project.
- Performed existing system evaluations and design and construction services for the rehabilitation of 14 clarifiers and 18 rapid sand filters at the City of Clearwater's three WWTPs.
- Developed Capacity Analysis and Operation & Maintenance Performance Reports and assisted with FDEP Domestic Wastewater permit renewals for Pasco County, and for the cities of Clearwater, Dunedin, and Tarpon Springs and for the Florida Governmental Utility Authority's Leigh Acres WWTP.

**DAVE WEBER, PE****PLANNING**

David Weber, PE has 44 years of environmental engineering experience in process design, cost analysis, preparation of construction plans and specifications, and construction administration for water and wastewater facilities. He specializes in feasibility studies and design of secondary and advanced wastewater treatment systems involving biological treatment, phosphorous removal, nitrification, denitrification, and filtration systems. He has performed these services for several local WWTPs, including Hillsborough County's Falkenburg Road WWTP, South County Regional WWTP and for the City of Tampa's Howard F. Curren AWTP.

Experience Highlights

- For the University of Florida's Wastewater Treatment Facility Master Plan and Energy Optimization Study, he is performing a process evaluation to consider new energy saving technology improvements including a new biological treatment train, a potential membrane bioreactor retrofit, replacement of secondary clarifier equipment and new effluent filters.
- For the City of Sarasota Biosolids Thickening and Dewatering Improvements project, he was the Project Engineer for replacement of two existing sludge dewatering belt filter presses with two high speed centrifuges, including new sludge feed pumps and discharge conveyors.
- Project Manager for replacement of a 12-inch influent sewer and 350 LF of 12-inch force main and miscellaneous valve replacements in the lift station valve vault at the City of Dunedin's Lift Station 3.

**CRISTINA LACORAZZA****HYDRAULIC MODELING & ANALYSES**

Cristina performs all aspects of hydraulic modeling and analysis - from data acquisition, simulations, and model development and calibration to master planning and design of recommended system improvements. Her water and wastewater network models have identified potential problems, analyzed causes and have assisted in determining recommend solutions for better hydraulic performance of our government clients utility systems. She is proficient in a wide range of industry standard modeling software programs and their application.

- She developed and calibrated a hydraulic model of the University of Florida's entire Gainesville campus **potable water and reclaimed water** systems to evaluate pressure issues, recommend pipe replacements and develop a 10-year Capital Improvement Program.
- Cristina developed a hydraulic model of Pinellas County's 1.8-mile long, 42-inch diameter sewer interceptor system to evaluate different alternatives to alleviate the surcharge and overflow of the system.

KEY PERSONNEL / QUALIFICATIONS OF THE TEAM

- Responsible for hydraulic model development, force main sizing and pump selection to divert 24 MGD of wastewater from the River Oaks AWTF to the expanded Northwest AWRP. The resulting design included ~5,000LF of 36-inch force main, ~12,900 LF of 30-inch force main and a 24 MGD wet pit-dry pit pump station.

**KAITLIN JEFFORDS, EI, ENV SP****GIS / ENVISION / SUSTAINABILITY / LEED**

Kaitlin provides GIS database development and maintenance, modeling, design, permitting and construction administration services for the construction of new or relocated sanitary sewers and water and reclaimed water mains. She provides utility coordination with project area utility shareholders, and coordination with private property owners. She has performed these services and developed web-based GIS dashboards to track project progress for the City of Venice's Water Main Replacement Program and East Gate Utility Relocations, for the city of Tarpon Springs Westwinds and Grassy Point Reclaimed Water Distribution Systems, and for the FDOT utility relocations on Gulf Blvd involving 4 miles of water, reclaimed water, and force mains and gravity sewers in congested beach communities.

**ORLANDO SERRANO, JR.****CONSTRUCTION MANAGEMENT/FIELD OBSERVATION & ALTERNATE DELIVERY**

Orlando brings over 30 years of construction management and construction field representation for pipelines and pump station projects, water treatment plants, water reclamation facilities, biosolids facilities and solid waste facilities. He has an impressive resume in construction administration and field representation experience with a strong emphasis in heavy civil, industrial and municipal engineering design and construction projects.

Experience Highlights

- Orlando was the field representative for the replacement of two solid contact basins along with construction of a new sludge pump station, maintenance building, associated piping and upgraded SCADA system for the St. Petersburg Cosme Water Treatment Plant.
- He was the Construction Manager for 7 years at the Pinellas County South Cross Bayou Water Reclamation Facility overseeing all improvements for South Cross Bayou Capital Improvement Program, Phases 2B and 3B, totaling ±\$180 million. This large CIP project involved improvements to South Cross Bayou Water Reclamation Facility, the County's W.E. Dunn Water Reclamation Facility, and associated reclaimed distribution pipelines and pump stations.
- For the Hillsborough County River Oaks Diversion Design-Build Project he served as Construction Manager and Field Representative for a new 24-MGD wastewater pump station, ~18,000 LF of new 30- and 36-inch force main, and 12,700 LF of 20-inch reclaimed water main, and demolition of an existing 10 MGD wastewater plant.
- Orlando is serving as the Construction Manager and Field Representative for 15,000 LF of 2-inch to 12-inch potable and reclaimed water mains, and 8 to 27-inch sanitary sewers for the City of Tampa's Upper Peninsula Drainage Improvements Design-Build project.
- For the City of Largo's Wet Weather Force Main and Monitoring System, Orlando was the Construction Manager and Field Representative for over 5 miles of 12- to 20-inch replacement force mains and the rehabilitation of four major wastewater lift stations.

**RICARDO MARISTANY, PE****MAINTENANCE OF TRAFFIC**

Mr. Maristany has 10 years of experience in the design and construction administration of federal, state, and municipal public works projects. He will be responsible for the development of maintenance of traffic control plans and for the development of traffic signage designs. He brings significant local

experience in the design and construction administration of federal, state, and municipal public works and infrastructure improvement projects involving pipelines, highways, bridges, aviation facilities, water and wastewater treatment plants - totaling over 300 million dollars in construction. He is currently serving as the Project Manager and Construction Manager, and is developing Maintenance of Traffic plans for the Miami-Dade Water and Sewer Department Pump Station Improvement Program, under which Ardurra has been assigned 14 wastewater pump station rehabilitation and force main extension projects to-date. He is also the Project Manager for Phase 2A of WASD's Consumer Line Relocation Program, which consists of the conversion of over 2,900 water services from the rear to the front of the properties to abandon old, leaky, small diameter, rear water mains.



PETE BOTTONE, PWS, CERP

ECOLOGICAL SERVICES

Pete is a Professional Wetland Scientist and Certified Ecological Restoration Practitioner with 37 years of environmental consulting experience. He is also certified for relocation and permitting of gopher tortoises. Pete provides valuable environmental services for Ardurra's utilities engineering projects. He routinely performs environmental assessments, vegetation and wildlife surveys, and develops Environmental Management and Mitigation Plans for water/wastewater engineering projects. He provides environmental monitoring and construction observation for pipeline replacements crossing water bodies. His services include daily in-water observations for frac-outs, turbidity and manatee observations during drilling activities.

Experience Highlights

- Performed environmental assessments and permitting for the Clearwater Memorial Causeway Subaqueous Pipeline project which required 5,000 ft of horizontal directional drill (HDD) within sensitive coastal habitats of Clearwater Harbor.
- Central Pasco Water Systems Improvements, WTM County Line Road to SR 54, Pasco County, FL – He established jurisdictional wetland limits, conducted threatened/endangered species surveys, prepared permit applications for this ±5 miles pipeline project along Hwy. 581. Also assisted with CEI review of HDD work and monitoring under forested wetland systems to minimize impacts and wetland mitigation requirements.

KEY SUBCONSULTANTS

Ardurra has the technical expertise to perform the core services of this contract. However, so that we may provide all the services and assist the City as a cohesive and comprehensive team, we've included the following subconsultants on our team for their:

- Expertise in their respective fields,
- Their local knowledge,
- But most of all our experience working together on common contracts.

Our subconsultants are local and understand the Southwest Florida conditions, codes and nuances of their discipline. This eliminates the learning curve and allows them to complete their work efficiently and more cost-effectively than using costly "experts" from national offices.

GEOTECHNICAL ENGINEERING SERVICES



Driggers Engineering Services, Inc.

DRIGGERS ENGINEERING SERVICES, INC.

Driggers Engineering Services, Inc. (DESI) is a local geotechnical engineering and materials testing firm founded in 1982. DESI's staff of 34 professional engineers, technicians and field exploration crews have completed 18,000 geotechnical engineering and construction testing projects ranging from water, wastewater and reclaimed water facilities to bridges, roadways and airports. DESI's experience includes geotechnical studies and investigations throughout Pinellas, Hillsborough, Pasco, Sarasota and Manatee Counties for water and wastewater facilities, transmission mains, force mains, substations and ground storage facilities.

DESI has worked alongside Ardurra for over 20 years, performing geotechnical engineering for water and wastewater projects.

SUBSURFACE UTILITY ENGINEERING



Survey • Subsurface Utility Engineering
Utility Coordination • Public Involvement
Certified DBE and M/WBE

OMNI COMMUNICATIONS, LLC

Founded on a standard of excellence, OMNI was established in 2002 as a multi-disciplined consulting firm focused to meet the needs of clients in the public and private sectors in the development of infrastructure for the public at large. Services and expertise include, but are not limited to, the following Surveying and Mapping & Subsurface Utility Engineering. OMNI is a woman-owned firm and certified as a Disadvantage Business Enterprise (DBE) with the Florida Department of Transportation.

Subsurface Utility Engineering (SUE) - Building upon real world expertise and a thorough understanding of the utility industry's needs, OMNI provides accurate underground utility information. Their methods can help significantly reduce costs, prevent unexpected delays and enhance safety.

Services include:

- » Non-destructive vacuum excavation
- » Quality Level "A" locates proving vertical data accurate to within ± 0.05 ft
- » Quality Level "B" designating technologies
- » Quality Level "D" research of existing records
- » Ground Penetrating Radar (GPR)



PUBLIC RELATIONS & RIGHT OF WAY/EASEMENT ASSISTANCE

ARLENA DOMINICK

Ms. Dominick offers over 37 years of real estate related experience with the past 30 years dedicated to right of way support services. Throughout her career, Ms. Dominick managed public projects for the Florida Department of Transportation, County and City municipalities, Water Authority Districts, School Boards and private projects for engineers, architects and developers throughout the State of Florida.

Her current and prior work for the City of North Port includes Fee simple acquisition for Public Works; Myakkahatchee Creek Greenway Project – contact property owners within close proximity to the Myakkahatchee Creek to donate, sell or trade to City; coordinate acquisition of single family residential and vacant lot properties; acquired four acres of individually platted and owned lots and traded four acres of individually platted City surplus lots for previous City Myakkahatchee Greenway project; acquired permanent and temporary easements for City renovation of Water Control Structure 101.

Ms. Dominick joined Ardurra as a sub-consultant in 2013, providing right of way support services for the City of Venice Water Main Relocation Project Phase 1 and continued as a sub with Ardurra for the City's Phases 3, 5 and 6 water main relocation projects. She is currently a sub with Ardurra for the City's East Gate Phase 2 water and sewer main relocation project, Phases 7 & 8 and the Capri Isles water main relocation projects.

WHAT MAKES OUR TEAM MEMBERS STAND OUT FROM THE REST?

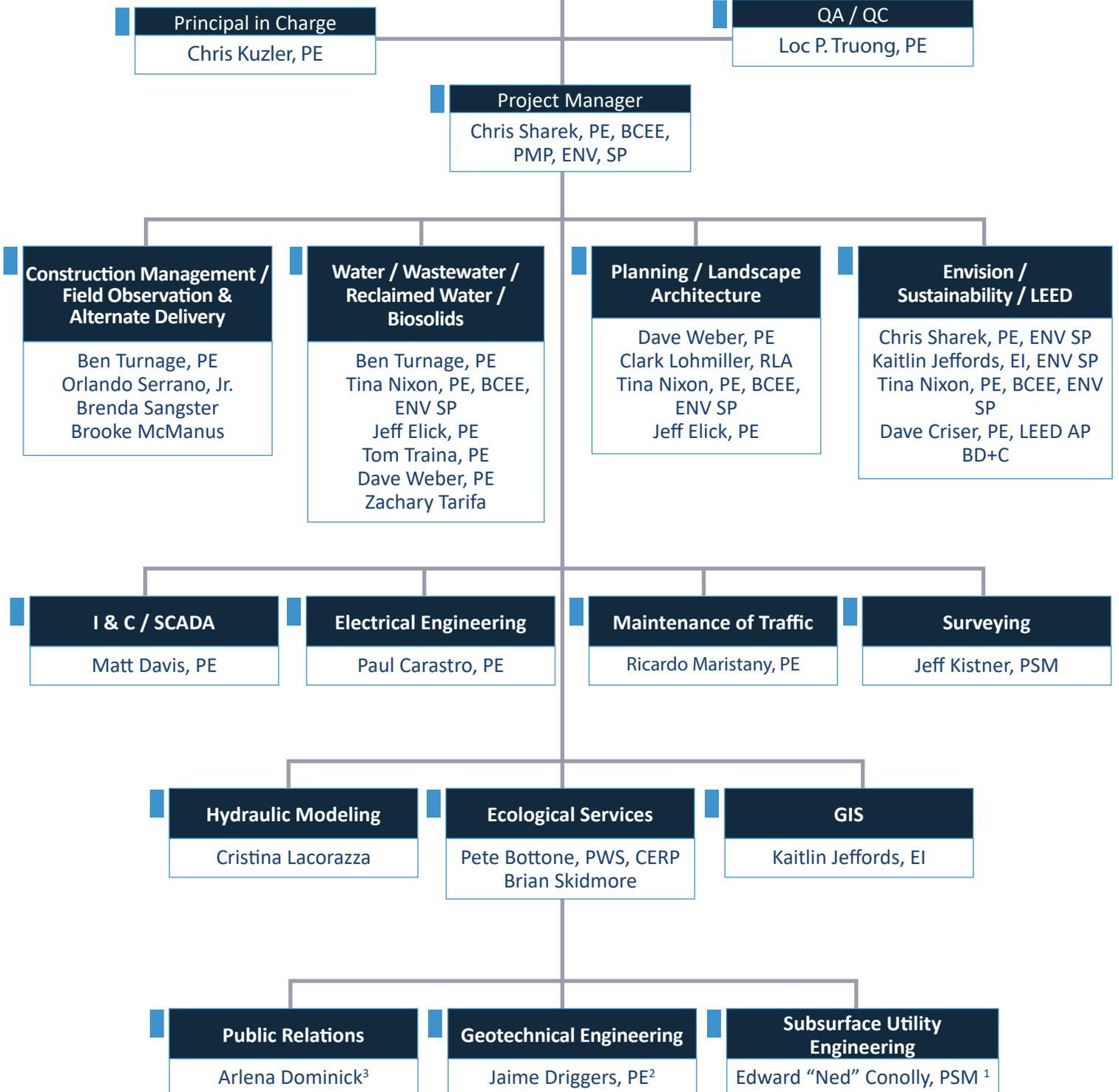
- Our Team is multi-disciplined and comprehensive, with a deep bench of resources.
- Our team has longevity! Our senior team members have been with Ardurra for 15+ years - demonstrating our long-term stability. How does this benefit the City? We have tried and true project management and quality control techniques that have been developed with time and are second nature to our team. We know what works and what doesn't work. We know where the pitfalls can be and have experience working together to avoid such pitfalls.
- Our team is responsive! In addition to being local, we pride ourselves on being responsive to our clients' needs and can have qualified staff available for meetings or to assist with emergencies the day you call us.
- We can prepare a Scope of Services, "jump on" assignments and assist the City with unanticipated events rapidly and in a straightforward, uncomplicated manner. Our "Quick Start" Client Care Program dictates that we return phone calls and respond to emails within 4 hours, and have staff available to meet with you within 24 hours of a request.
- Our team is cost-effective! As a mid-sized locally based firm, we are not only able to respond faster to the City's needs but also more cost-effectively than some of our larger competitors. Saving the City money means more taxpayer dollars can go toward improving your utilities system.
- Our team includes licensed operators! Individuals who have not only designed and constructed water and wastewater treatment facilities, but also operated them. This gives us a different insight into our projects - an insight from the operator's (and the City's) perspective. As a result, we tend to consider, anticipate and avoid those items that end up being difficult to operate and maintain over time. We know more than the "big picture" and can get right down into the "nuts and bolts" of treatment facilities and utilities.
- Our team knows how to perform under Continuing Services Contracts! We will leverage our team's depth of experience with providing similar utilities engineering services to 20+ Florida governments under contracts identical to the City's.
- Our team is ready! We have assigned dedicated team whose workload projections indicate that they are available to complete assigned tasks within the City's timeframes.
- We Are There to Assist You - No project is too small for us. Our role is to assist you with your needs and act as an extension of your staff whether it involves a minor effort or a major project. We are there to help in any situation and in emergencies.
- The SF330 Section D organizational chart on the following page highlights our Team Members' roles and qualifications to carryout the services of the City's Continuing Services Contract.

Organizational Chart of Proposed Team



LEGEND

- 1 - Omni Communications, LLC
- 2 - Driggers Engineering Services, Inc.
- 3 - Arlena Dominick



Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Christopher F. Kuzler, PE		Principal in Charge		a. Total 34	b. With Current Firm 27
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
MS Business Administration, Adelphi University, 1989; BS Mechanical Engineering, Polytechnic Institute of New York, 1985			Professional Engineer FL #45532		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Works Association (AWWA), American Society of Mechanical Engineers, Southeast Desalting Association (past Board Member), Solid Waste Association of North America (SWANA)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Bahia Vista Water Main Replacement, Sarasota, FL			PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a. Project Manager for the replacement of ±2,600 LF of existing 8-inch cast iron water main with 12-inch PVC pipe on a heavily treed and narrow street in an existing neighborhood. The project also includes new water service lines with meter boxes to lots along the project route. A separate design package for the crossing of Osprey Avenue was developed in advance of the remainder of the project to allow work in the intersection to be completed prior to an impending roadway improvement project along Osprey Avenue.					
(1) Title and Location (City and State)			(2) Year Completed		
City of Venice Water Main Replacement Program Phases 1, 3, 5 & 6, Venice FL			PROFESSIONAL SERVICES See Below	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Project Manager for the design, permitting, bidding/award assistance and construction services for Phases 1, 3, 5 and 6 of a Water Main Replacement Program aimed at replacing aged, small diameter water mains in rear lots with new main, larger mains in the City right-of-way. The project also includes work on private property to install new services from the new mains to the existing buildings as well as improved fire protection throughout the project areas. The four phases assigned to Ardurra include 27,185 LF of replacement water mains and new services connections to ~550 private lots. Phase 1 (2015) and 3 (2016) are completed, Phase 5 (2019) is in construction and the design of Phase 6 is being completed in 2020.					
(1) Title and Location (City and State)			(2) Year Completed		
Upper Peninsula Watershed Drainage Design-Build Project, Phase 2 (Dale Mabry/Henderson Trunkline), Tampa, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2021	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c. Principal in Charge for the design, permitting, and construction certification of existing utility relocations (including 2-inch to 12-inch potable and reclaimed water mains, 8- to 27-inch sanitary sewers) along 8,100 LF of residential corridor associated with the construction of a new 9'x6' concrete box culvert to alleviate flooding in south City of Tampa. The overall project, including the box culvert and all utility relocations, is being completed using the Design-Build approach. The design of new utilities includes parallel water and sewer utilities along both sides of the right-of-way, resulting in approximately 15,000 LF each of new potable water and sewer utilities. The corridor includes numerous "grand" trees, requiring an integrated approach using both trenchless and open cut installations. Cost: \$32.4M					
(1) Title and Location (City and State)			(2) Year Completed		
PRMRWSA Integrated Loop System Phase 1 Interconnect City of Punta Gorda, Charlotte and Desoto Counties, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Principal-in-Charge for preliminary engineering, design, permitting and construction management services for approximately 6.3 miles of 24" potable water main including meter stations and interconnects at DeSoto County's Project Prairie ground storage tank and at the City of Punta Gorda's Shell Creek Water Treatment Plant.					
(1) Title and Location (City and State)			(2) Year Completed		
Westchase Reclaimed Water Transmission Main, Hillsborough County, FL			PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2018	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e. Project Manager and Engineer-of-Record for preliminary engineering followed by design, permitting and construction management and observation services for 9,000 LF of 16-inch fusible PVC reclaimed water main installed primarily by horizontal directional drill along a 4-lane arterial roadway. Preliminary Engineering included evaluating alternatives for construction of the new main (open cut vs. horizontal directional drill) and an alignment evaluation in order to reduce impacts to traffic and the parallel recreational trail. The pipe was ultimately designed under the eastbound bicycle lane due to congestion outside the roadway, requiring that bypass lanes be constructed at drill pit locations to maintain four lanes open to traffic.					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
R. Christopher Sharek, PE, BCEE, PMP, ENV SP		Project Manager		a. Total 22	b. With Current Firm 1
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Sarasota, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
MS, Water Resources Engineering, 1998 BS, Environmental Engineering, 1996 University of Central Florida			Professional Engineer FL #58170 / Board Certified Environmental Engineer (BCEE) / Project Management Professional (PMP) / Envision Sustainable Professional (ENV SP)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
American Public Works Association / American Society of Civil Engineers / American Water Works Association / Order of the Engineer/Leadership Sarasota County Participant					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Utilities Manager for the City of Venice, FL			PROFESSIONAL SERVICES 2004	CONSTRUCTION (if applicable) 2009	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input type="checkbox"/> Check if project performed with current firm		
As Utilities Manager he oversaw a staff of over seventy. Specifically, he spear-headed the implementation of a radio-read meter exchange program, which enabled the City to install radio-read meters throughout its entire utility system. In the role of Assistant City Engineer for the City of Venice, Chris was responsible for technical design, permitting, and construction observation for utility relocation, paving, stormwater, and parking lot improvement projects.					
(1) Title and Location (City and State)			(2) Year Completed		
Regional Water Main Interconnect at State Road 681, Sarasota, FL			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2013	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input type="checkbox"/> Check if project performed with current firm		
Client services manager for Sarasota County coordinating survey, subsurface utility engineering, design, permitting, bidding and construction with project design team and County staff. Project included the design and construction support for 11,000 linear feet of 24-inch water main connecting the Peace River Manasota Regional Water Supply Authority's Phase 3A pipeline near the Sarasota County Landfill to Honore Avenue. Project included significant horizontal directional drills under Cow Pen Slough, State Road 681, and Interstate 75.					
(1) Title and Location (City and State)			(2) Year Completed		
Regional Water Main Interconnect at Honore Avenue, Sarasota, FL			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input type="checkbox"/> Check if project performed with current firm		
Client services manager for Sarasota County coordinating survey, subsurface utility engineering, design, permitting, bidding and construction with project design team and County staff. Project included the design and construction oversight of 5,500 linear feet of 24-inch water main along Honore Avenue from Northridge Road to Palmer Parkway. Project challenges included overhead power lines, large oak canopies, and maintenance of traffic.					
(1) Title and Location (City and State)			(2) Year Completed		
Nokomis Force Main Phase 1, Sarasota County, FL			PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Design-Build Contract Administrator for this Sarasota County project. Working with a local contractor and engineer of record, oversaw design, permitting, and completed construction of 2,200 linear feet of 4-inch force main in a narrow and congested corridor along Colonia Avenue. Installation primarily used directional drill technique to minimize traffic disruptions and surface restoration. Project was completed ahead of schedule and within the established budget.					
(1) Title and Location (City and State)			(2) Year Completed		
US 41 Water Main Improvements, Sarasota, FL			PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input type="checkbox"/> Check if project performed with current firm		
Client services manager working with a design team for the City of Sarasota on a 3.1 mile potable transmission main replacement of an older asbestos cement and ductile iron pipeline within a congested FDOT corridor. Evaluation for replacing this pipeline included trenchless technologies such as sliplining and pipebursting construction methodologies. The final recommendation was to install a new pipeline one block east of the current pipeline to avoid future conflicts within the FDOT corridor. Smaller distribution and service pipelines were provided to serve the customers along the original corridor, which makes operations and maintenance of this pipeline easier for the City.					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Thomas A. Traina, PE, ENV SP		Water/Wastewater/Reclaimed Water/ Biosolids		a. Total 40	b. With Current Firm 19
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS, Civil Engineering 1978, University of Notre Dame			Professional Engineer Florida No. 42871 / Envision™ Sustainability Professional Credential		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
American Water Works Association / Water Environment Federation					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)				(2) Year Completed	
PRMRWSA Integrated Loop System Phase 1 Interconnect City of Punta Gorda, Charlotte and Desoto Counties, FL				PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Project Manager for preliminary engineering, design, permitting and construction management services for 6.3 miles of 24" potable water main including a 3,500 LF horizontal directional drill crossing of Shell Creek and meter stations and interconnects at DeSoto County's South Booster Station and at the City of Punta Gorda's Shell Creek Water Treatment Plant.					
(1) Title and Location (City and State)				(2) Year Completed	
Punta Gorda Wastewater Treatment Plant (WWTP) Piping Replacement and Aeration System Evaluation, Punta Gorda, FL				PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2015
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Project Manager responsible for preliminary engineering report, design, permitting, bidding and construction engineering services. Instrumental in project savings realized through value engineering with the contractor and sales tax savings through Owner Direct Purchase of materials. Developed alternatives for replacing failed raw sewage and mixed liquor piping systems interconnecting the preliminary treatment, aeration and final clarification facilities in an operational treatment plant. Selected alternative entailed the design of a temporary bypass piping system to maintain the plant in service while a new flow splitter box was constructed for dividing raw sewage between four (4) aeration basins and mixed liquor between four (4) clarifiers.					
(1) Title and Location (City and State)				(2) Year Completed	
Regional Integrated Loop System Phase 3B, Peace River Manasota Regional Water Supply Authority, Sarasota County, FL				PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2019
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Project Manager for design, permitting and construction services for ±5 miles of 48-inch potable water transmission main and a meter station and interconnect with the Sarasota County water system. Also performed preliminary engineering for a storage tank and booster pump station, including identifying and evaluation zoning, costs, environmental and other conditions of available land. The project will extend the Authority's existing Phase 3A transmission main from a point north of Knights Trail Road to Clark Road (SR-72).					
(1) Title and Location (City and State)				(2) Year Completed	
Central Pasco Water System Improvements, Pasco County, FL				PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2010
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
d. Engineer of Record for hydraulic modeling; route evaluation/selection/land acquisition; topo and boundary survey, ecological, geotechnical coordination, design, ROW, water/wastewater permitting, and construction management/RPR services for 86,000 feet of 12-, 16-, 24- and 36-inch potable mains, 57,900 feet of 12-, 16- and 24-inch force mains and relocation of various reclaimed water mains. A total of 144,000 LF of pipeline was installed along a 10 mile long corridor that provided for expansion of the water, wastewater and reclaimed water systems throughout the central area of the County.					
(1) Title and Location (City and State)				(2) Year Completed	
West Central Reuse Interconnect, Pasco County, FL				PROFESSIONAL SERVICES 2001	CONSTRUCTION (if applicable) 2003
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
e. Project Manager and Engineer of Record for the design, permitting and construction of two 5 MGD, 125 psi reclaimed water pumping stations and an interconnecting 12 mile transmission main for the Pasco County Utilities Department. Pump stations included vertical turbine pumps, 5 and 2.3 MG ground storage tanks, hydropneumatic systems, electrical buildings, and sitework at the Odessa and Land O'Lakes Wastewater Treatment Plants, in addition to 63,800 LF of 24-inch reclaimed water main interconnecting the two pump stations. The project also included 44,000 LF of 24-inch potable water main, and 4,400 LF of 12-inch, 20,000 LF of 16-inch, and 9,000 LF of 20-inch sanitary force main.					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Loc P. Truong, PE		QA / QC		a. Total 19	b. With Current Firm 15
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS Chemical Engineering, Renssalaer Polytechnic Institute, 2001			Professional Engineer FL #65709; TX #102925 Drinking Water Treatment Plant Operator Class C FL #0014398		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
American Water Works Association					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Memorial Causeway Pipelines, Clearwater, FL			PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>a. Project Manager for the design, permitting, bidding and construction management of a new 2,500 LF, 24-inch diameter replacement force main under Clearwater Harbor via Horizontal Direction Drill (HDD) and a new 1,500 LF of 20-inch water main under the Intracoastal Waterway via HDD. The project also included extensive permitting requirements with the US Army Corps of Engineers and FDEP for a Submerged Lands Easement.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Causeway Watermain and Forcemain Replacement Program, Dunedin, FL			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2014	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>b. Project Manager for analysis, planning, design and construction of ±9,500 LF of 8-inch HDPE force main, ±2,300 LF of 18-inch PVC water main and 3,500 LF of 10-inch force main installed along the Dunedin Causeway and beneath the St. Joseph's Sound main channel at the Bascule Bridge by subaqueous horizontal directional drill (HDD). The project required the development of demand and flow projections, hydraulic model, analysis of the water and force main systems, system sizing, cost estimating, bidding, award and construction management.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Intracoastal Waterway Force Main Replacement Project, Venice, FL			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>c. Project Manager for the design, permitting, and construction of 1,300 LF of 16-inch HDPE below the Intracoastal Waterway via horizontal directional drill (HDD). The project included performing HDD calculations, preparing plans, specifications and cost estimate.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Green Springs Water Main Replacement, Safety Harbor, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2018	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>d. Project Manager. Design, permitting and bidding services for the replacement of the existing water mains in Safety Harbor's Green Springs area with 5,200 LF of new 6" water mains including the replacement of the water service to the properties' meters along the roadway. The project included installation of water service laterals, installation of valve and appurtenances, installation of fire hydrants, abandonment of existing of water mains by grout, restoration of curb, driveways, sidewalks and site restoration. The project required an FDEP Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
13th Avenue North to 9th Avenue North Water Main Replacement, Safety Harbor, FL			PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>e. Project Manager for the design, and permitting of 2,100 LF of replacement 12" water mains along with new services to affected properties and abandonment of the existing mains. The project required an FDEP Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs.</p>					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Benjamin C. Turnage, PE		Construction Management/Field Observation & Alternate Delivery		a. Total 19	b. With Current Firm 15
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS Physics, Furman University, 2000; BS Biological Engineering University of Georgia, 2001			Professional Engineer FL #64055		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
American Physical Society (APS) / Water Environment Federation (WEF)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Upper Peninsula Watershed Drainage Design-Build Project, Phase 2 (Dale Mabry/Henderson Trunkline), Tampa, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2021 est.	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Engineer of Record and Utility Coordinator for the design, permitting, and construction certification of existing utility relocations (including 2-inch to 12-inch potable and reclaimed water mains, 8- to 27-inch sanitary sewers) along 8,100 LF of residential corridor associated with the construction of a new 9'x6' concrete box culvert to alleviate flooding in south City of Tampa. The overall project, including the box culvert and all utility relocations, is being completed using the Design-Build approach. The design of new utilities includes parallel water and sewer utilities along both sides of the right-of-way, resulting in approximately 15,000 LF each of new potable water and sewer utilities. The corridor includes numerous "grand" trees, requiring an integrated approach using both trenchless and open cut installations. Cost: \$32.4M</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Hillsborough County Utility Relocation Projects, Hillsborough County, FL			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Project Manager for miscellaneous utilities relocation projects assigned under Ardurra's Miscellaneous Services Contract with Hillsborough County. Services included coordination, design, permitting, and construction services as required for relocation of utilities to accommodate FDOT and County roadway improvements projects. Ben performed as the Engineer of Record for multiple Projects-by-Work-Order under this contract, including:</p> <ul style="list-style-type: none"> SR 574 / Dr. Martin Luther King, Jr. Blvd, Parsons Ave. to Kingsway Rd (FPID 255893-3): project included replacement of approximately 1,000 LF of 8-inch WM with 3,250 LF of 12-inch WM to provide system extensions, interconnections, and accommodate road widening. Engineer of Record. SR 574 / Dr. Martin Luther King, Jr. Blvd, Kingsway Rd to McIntosh Rd (FPID 255893-4): project included extending the County Potable water system with approx. 3,400 LF of 12-inch WM and relocate approximately 2,350 LF of 4-inch sewer force main in conjunction with the FDOT road reconstruction and widening project, to extend water service and system interconnections along the FDOT project limits. 					
(1) Title and Location (City and State)			(2) Year Completed		
Redundant Force Main from PS 16 to South Cross Bayou WRF, Pinellas County, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2021	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Engineer of Record for the design, permitting, and construction of approximately 9,000 LF of 36-inch force main and 850 LF of 20-inch force main in Pinellas County. The overall project, in which Ardurra was teamed with another local engineering firm for delivery of the design, includes a total of 17,800 LF of 36-inch force main to provide complete redundancy over an aging existing main connecting Pump Station 16 and South Cross Bayou Wastewater Reclamation Facility (WRF).</p>					
(1) Title and Location (City and State)			(2) Year Completed		
River Oaks Diversion Design-Build Project, Hillsborough County, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Lead Engineer of Record for the design, permitting, and construction certification of a new 24-MGD wet pit/dry pit, self-cleaning wastewater pump station, ± 5,000 LF of new 36-inch force main and ± 12,900 LF of 30-inch force main, to divert all flows from the service area of the existing River Oaks AWTF & pump to the recently-expanded Northwest Regional WRF. Project included 12,750 LF of new 20-inch reclaimed water main by horizontal directional drill, and a new 35-MGD cascade-type aeration outfall structure. Cost: \$26M</p>					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Orlando Serrano, Jr.		Construction Management/Field Observation & Alternate Delivery		a. Total 32	b. With Current Firm 8
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Miami, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
AS, Engineering Technology, ITT Institute of Technology, 1987			Accredited FDEP Stormwater Erosion & Sedimentation Control		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)				(2) Year Completed	
River Oaks Diversion Design-Build Project Hillsborough County, FL				PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2019/Demo 2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Construction Manager and field representative for a new 24-MGD wet pit – dry pit, self-cleaning wastewater pump station, ± 5,000 LF of new 36-inch force main and ± 12,900 LF of 30-inch force main, to divert all flows from the service area of the existing River Oaks AWTF (ROAWTF) and pump to the Northwest Regional WRF. Construction included 12,750 LF of new 20" reclaimed water main installed by horizontal directional drill and a new 35-MGD aeration outfall structure. Cost: \$28M					
(1) Title and Location (City and State)				(2) Year Completed	
City of Sarasota Water Reclamation Facility Headworks Improvement and Filter Replacement – CMAR Delivery Sarasota, FL				PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Construction Manager for the retrofit of two of the City's existing five traveling bridge sand filters with two 12 MGD AquaDiamond cloth media filtration systems. The project included demolition of existing equipment, retrofitting the filter basin with the cloth media filtration system, filter backwash water pumping and associated hydraulic improvements. The improvements to the existing elevated headworks included a new 36-inch mechanical screen, screenings compacting and conveying equipment, a new influent flow distribution chamber and modifications to the existing raw sewage influent piping to eliminate bottlenecks in the system. Cost: \$6.2M					
(1) Title and Location (City and State)				(2) Year Completed	
WWTF Clarifier Refurbishment, City of Tarpon Springs, FL				PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2019
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Construction Manager for clarifier refurbishment at the City's AWTP. The project included refurbishment and improvement of two existing secondary clarifiers. Work elements included removal and replacement of clarifier mechanism, new FRP weirs and baffles, new sludge blanket detectors, upgrade to the HMI along with electrical upgrades (MCC, & VFD), installation of a permanent groundwater dewatering system. Responsibilities included supporting design professional with submittal and RFI review, change order evaluation, schedule review and overall project coordination efforts between the City and contractor. Cost: \$1.3M					
(1) Title and Location (City and State)				(2) Year Completed	
Upper Peninsular Drainage Improvements Design-Build Phase 2, (Dale Mabry/Henderson Trunkline), Tampa, FL				PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2021
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
d. Construction Manager providing construction services during the construction of potable water and reclaimed water mains, and sanitary sewer facilities along 8,100 linear feet of residential corridor associated with the construction of a new 9'x6' concrete box culvert to alleviate flooding in south City of Tampa. The corridor includes numerous "grand" trees, requiring an integrated approach using both trenchless and open cut installations. Cost: \$32.4M					
(1) Title and Location (City and State)				(2) Year Completed	
Wet Weather Force Main and Monitoring System, Largo, FL				PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2017
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
e. Senior Field Representative for improvements to the City of Largo's sanitary sewer collection systems aimed at eliminating sanitary sewer overflows by bypassing the gravity sewer system during rain events and conveying flow from six major lift stations directly to the City's wastewater treatment plant. Project included installation of a new pipeline sewer distribution system with mains ranging in sizes from 12-inch to 30-inch. Installation method included open cut, 23-horizontal directional drilling operations (under US-19, wetlands, Taylor Lake and the Bayou) and 3-jack & bore operation. Additional scope included the demolition and construction of six major lift station (ranging in size from 400 gpm to 4,000 gpm), a new RTU communication network and connections to existing force mains. Cost: \$38M					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Brenda Sangster		Construction Management/Field Observation & Alternate Delivery		a. Total 30	b. With Current Firm <1
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)			
High School Diploma/Troy State University, Georgia Perimeter College		Certified Wastewater Collection Operator – GA #WWCO32887, Water Distribution Operator #WDO16094, NASSCO Certified ITCP, MACP, LACP Pipe Lining Certification # U-216-07003123, OSHA 10-hour Construction Safety and Health Cert. #18-006037965, OSHA 10-hour General Industry Safety and Health Cert. #17-000120550, FEMA/NIMS Training (ISC 100, 200, 700, 701) TN Environment & Conservation EPSC Level 1 Certified Personnel # 140049			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
McKay Bay Solid Waste Transfer Station Replacement CMAR Tampa, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2021	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Construction field representative for the construction of a new transfer station for the City of Tampa. The station includes a 40,000 square foot, two tunnel top load transfer station building able to process between 750 and 1,000 tons per day; 2-story employee building; "Z-wall" self-haul Customer Dropoff Area; standby generator, and; new roadways, utilities, and infrastructure Prepared Field Observation Reports of contractor operations to see that they comply with contract documents, specifications and shop drawings. Cost: \$36M					
(1) Title and Location (City and State)			(2) Year Completed		
South Cross Bayou Design Build Headworks and Grit Removal Pinellas County, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) On-going	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Construction Field Representative for this Progressive-Design-Build project involving construction of a new septage receiving station; odor control evaluations and new ductwork to serve the new headworks, grit facility and the existing influent pump station. Performed Field Observation Reports of contractor operations to see that they comply with contract documents, specifications, and shop drawings. Cost: \$11.4M					
(1) Title and Location (City and State)			(2) Year Completed		
Stormwater Engineering Inspector, Knoxville, TN			PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2018	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Performed work within the Stormwater Section of the Engineering Department which included: the inspection of the construction of streets, sidewalks, storm drains, roadwork, curb and gutter, and investigation of complaints regarding construction and/or drainage or water quality problems; and the review of construction plans, building permits and other instruments to determine the adherence to planning and construction regulations. Responded to customer complaints.					
(1) Title and Location (City and State)			(2) Year Completed		
Chief Construction Inspector Dekalb County Watershed Management Dekalb County, Georgia			PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2018	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Chief Construction Inspector for the inspections and coordination on assigned CIP projects and Federal Consent Decree project upgrading existing sanitary sewer lines. Rehabilitation was by the cured-in-place CIPP method and manhole rehabilitation Epoxy coating, smoke testing, CCTV, and external point repairs. This project was required for Dekalb County Watershed Management through federal funding's and lasted for seven years.					
(1) Title and Location (City and State)			(2) Year Completed		
Field Services Superintendent, Sandy Springs, Georgia			PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
Planned, organized and administered the program of public service involving maintenance and repair of streets, storm drains, roadwork, and site work projects. Supervised field operations for multiple construction crews, project coordination and completion management. Identified and respond to City Manager and Field Services Manager issues, concerns and needs, liaison with property owners, consulting engineers, and contractors. Collaborated with consultant engineers and contractors on construction project matters that pertain to completion deadlines and budgetary constraints.					

Resumes of Key Personnel Proposed for this Contract

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. Total	b. With Current Firm
Brooke McManus	Construction Management/Field Observation & Alternate Delivery	2	<1
15. FIRM NAME AND LOCATION (City and State)			
 Ardurra Group, Inc., Tampa, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
High School Diploma /St. Petersburg College – Building Design and Construction Management			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
19. RELEVANT PROJECTS			
(1) Title and Location (City and State)		(2) Year Completed	
McKay Bay Solid Waste Transfer Station Replacement CMAR Tampa, FL		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2021
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Construction Coordinator for a new 40,000 square foot transfer station building and self-haul recycling drop-off center. Adjacent to the pre-engineered metal building is a 5,600 square foot employee building. Duties include documentation and task management of specifications, submittals, requests for information, scheduling, logs, and meeting minutes between a diverse team of engineers and subconsultants. Cost: \$36M			
(1) Title and Location (City and State)		(2) Year Completed	
Solid Waste Transfer Station Replacement Project Clearwater, Florida		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Coordinator and reviewer of close-out documentation for a new transfer station, scale house and administration building. Close-out documentation including but are not limited to Manufacturers certificates of installation and testing, as-built drawings, operation and maintenance manuals, spare tools and/or parts lists, and owner training. Construction Cost: \$16.7M			
(1) Title and Location (City and State)		(2) Year Completed	
Sea Gate Association Combined Sewer System Repair, Brooklyn, New York		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2021
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Construction Coordinator for a combined sewer system repair project for approximately 20,000 linear feet of gravity sanitary sewer demolition and replacement with ductile iron pipe including 180 precast concrete manholes, 90 storm water precast concrete catch basis and pavement restoration. Coordination of meeting minutes, submittals, requests for information, contract changes, and file management between a multi-state team of engineers and contractors. Construction Cost: \$20.8M			
(1) Title and Location (City and State)		(2) Year Completed	
Marina Walk Apartments, St. Petersburg, FL		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
d. New construction of an 8-story, 245-unit apartment building with direct access to a 5-story parking garage. Amenities included pool, clubhouse, sky-lounge, fitness center. As assistant project manager for the electrical contractor, duties included strategic planning of schedule between contractor and project manager, communication between office and field staff, organizing, filing, and submittal of all project documents. Scheduling and confirmation of material orders and deliveries from various vendors. Construction Cost: \$42M			
(1) Title and Location (City and State)		(2) Year Completed	
Aldi Grocery Stores, Tampa Bay, FL		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
e. Assistant project manager of electrical contracting for several Aldi's Grocery Stores throughout the Tampa Bay Area Scope of duties included analyzation of blueprints to determine amount, type, and cost of materials and labor for project completion. Coordinate submittals, review of contract documents, permits, inspections, change orders, and pay applications. Upon project completion, coordinate warranty requests and service calls between client, operations manager, and accounting department.			

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Tina Nixon, PE, BCEE, ENV SP		Water/Wastewater/Reclaimed Water/Biosolids		a. Total 29	b. With Current Firm <1
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
M.S. Civil/Environmental Engineering, USF,1995 B.S. Civil/Environmental Engineering, USF,1993			Professional Engineer Florida No. 52044		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)				(2) Year Completed	
Timber Greens Master Pump Station Pasco County, FL				PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2015
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager and Engineer of Record. Responsible for design, permitting and construction management services for an 11 MGD inline master wastewater pump station accepting flows from the New Port Richey area and the west area from Madison to Trouble Creek to one mile north and the area around Timber Greens. The booster station conveys the flows to the Shady Hills Wastewater Treatment Plant. Project included architectural design of a station house and property on a difficult footprint which blended into the immediate surrounding residential neighborhood. Cost: \$3.5M					
(1) Title and Location (City and State)				(2) Year Completed	
Capacity Analysis Report (CAR) Updates, Pasco County, FL				PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. Managed the required CAR updates for the Embassy Hills Subregional Wastewater Treatment Facility (WWTF), the Land O'Lakes Subregional WWTF, Shady Hills Subregional WWTF and the Southeast Subregional WWTF. The updates included inspections of the WWTFs, an analysis of the existing influent flows to the facilities, the development of future flow projections based on anticipated population and development increases and recommendations regarding facility expansions. Cost: \$142,000					
(1) Title and Location (City and State)				(2) Year Completed	
McKay Creek Reclaimed Water Pump Station Valve Replacements Pinellas County, FL				PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2021
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager for design of new 24-inch altitude valve with actuated bypass valve and piping for the on-site 5 MG above ground reclaimed water storage tank and 24-inch effluent valve including bringing these above ground, demolishing existing vaults and the strainer facility. The new valves were designed for full remote monitoring and automation via SCADA. Also included is a new modulating flow valve on the effluent of the St. Petersburg Beach Reclaimed Water Pump Station, replacement of existing magmeter with full remote monitoring and automation via County SCADA of both and bypass piping systems so that the County may provide continuous service to customers. Cost: \$1.55M					
(1) Title and Location (City and State)				(2) Year Completed	
Surface Water Treatment Plant Package 3 Pearland, TX				PROFESSIONAL SERVICES 2012-2016	CONSTRUCTION (if applicable) On-going
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Technical Manager. Project is being executed using the CMAR delivery process for 10 (expandable to 20) MGD of treated surface water to the City of Pearland and surrounding communities. The major features of this project include one 2 MG ground storage tank, a 10 MGD high service pump station (HSPS) that can be expanded to 20 MGD in the future, an integrated administrative and HSPS building, approximately 28,000 linear feet of water transmission mains to deliver potable water to the Kirby Road and Shadow Creek Ranch water plants, approximately 5,750 linear feet of sanitary sewerage force main, and permitting and additional services. Cost: \$18.1M					
(1) Title and Location (City and State)				(2) Year Completed	
Disinfection and Effluent Pumping Improvements, Largo, FL				PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2016
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role				<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. The City of Largo, under a consent order to reduce the concentration of disinfection byproducts resulting from their existing chlorination system and the 18 MGD advanced wastewater treatment plant, constructed peracetic acid (PAA), sodium hypochlorite and sodium bisulfite facilities as well as a new effluent pump station, electrical facilities and standby power generation facilities. This was the first PAA system permitted in Florida for high level disinfection. Cost: \$22.7M					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Jeffrey E. Elick, PE		Water/Wastewater/Reclaimed Water/Biosolids		a. Total 35	b. With Current Firm 19
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS Civil Engineering, University of South Florida, 1997			Professional Engineer FL #61019 Certified WWTP Operator Class A – FL #A6561		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Water Environment Federation, Florida Water Environment Association, Process Committee (FWEA), Awards Committee					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Bryan Dairy Road Sewer System Rehabilitation, Pinellas County, FL			PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a. Project Engineer for the design, permitting, and bidding services for the rehabilitation of 5,600 lf of gravity sanitary sewer pipe and 11 manholes. Pipe rehabilitation was by the cured-in-place CIPP method and manhole rehabilitation will be with Epoxy and Calcium aluminate systems. The project required the development of MOT. Cost: \$697,000					
(1) Title and Location (City and State)			(2) Year Completed		
Biosolids Recycling Center, Philadelphia, PA			PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2011	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Project Engineer for the Design / Build / Own / Operate / Transfer (DBOOT) project which involved the addition of a 250-dry ton per day biosolids pelletizer at the City of Philadelphia's Biosolids Recycling Center. This facility utilizes digester gas as a fuel supplement to natural gas. Scope included construction of a new building to house dual pelletizer process trains, existing conveyor and building modifications to accept dewatered biosolids from an existing dewatering operation, and construction of a new biosolids cake receiving facility. Also responsible for obtaining New Air Construction Permit from the Philadelphia Air Management Services for the facility. Cost: \$65M					
(1) Title and Location (City and State)			(2) Year Completed		
Wastewater Treatment Plant Capacity Analysis Reports (CARs) Operation and Maintenance Performance Reports (OMPRs), and FDEP Domestic Wastewater Permit Renewal Application			PROFESSIONAL SERVICES See Below	CONSTRUCTION (if applicable) See Below	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c. Engineer of Record for the preparation of CARs, OMPRs and FDEP Domestic Wastewater Permit Renewal Applications for: Eight Pasco County facilities from 2001-2008; City of Dunedin in 2003, 2008; 2014 and 2019; Two City of Clearwater facilities in 2011; FGUA Lehigh Acres in 2013; City of Tarpon Springs 2018; City of Oldsmar in 2019. The CARs required that 10 years of hydraulic loading rates be evaluated and compared to industry standards; while the OMPRs required a complete evaluation of all equipment, unit processes, biosolids handling practices, operations activities, maintenance activities, influent and effluent water quality data, permit violations, and enforcement activities for the previous 5 years. Future flow rates were projected using various methods. Recommendations were made to address any deficiencies identified. The permit renewal applications included compilation of the CAR and OMPR reports and completion of an extensive application form along with process flow diagrams, location maps, and site plans for the various facilities.					
(1) Title and Location (City and State)			(2) Year Completed		
Master Plan Studies, Dunedin 6.0 MGD WWTP and Dunedin Reverse Osmosis 5.15 MGD Water Plants, Dunedin, FL			PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Project Engineer for field and desktop evaluation for the City's 6.0 MGD Dunedin WWTP and 5.15 MGD Dunedin Reverse Osmosis Water Plant. The project included preparation of a master plan with recommendations for equipment and process replacements, rehabilitations, and modifications through 2035. Master planning included consideration of the addition of an Industrial Wastewater Treatment Facility effluent to the Dunedin Master Reuse System. Additional projects were identified to reduce costs and potential hazards, increase reliability and efficiency, enhance operational flexibility, and address noise and odor issues. These elements were evaluated for the City's Water Plant. Cost estimates and preliminary layouts were provided for the various projects and technical memorandums were provided with the final version identified as the Master Plan.					
(1) Title and Location (City and State)			(2) Year Completed		
Wastewater Treatment Plant Rapid Sand Filter Evaluation and Rehabilitation, Clearwater, FL			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2016	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e. Project Engineer for the complete rehabilitation of 18 existing filters serving the 12 MGD Marshall Street and 5 MGD East WRFs. Projects included replacement of the filter underdrains, media and other components, replacement of the 4 flow and backwash control valves serving each filter, and replacement of the control system. Cost: Marshall - \$2.6 M / East -\$1.4 M					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
David A. Weber, PE		Planning / Landscape Architect		a. Total 44	b. With Current Firm 2
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
MS, Environmental Engineering, 1977 State University of NY at Buffalo; BS, Civil Engineering, 1972, State University of NY at Buffalo			Professional Engineer FL # 29323		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Water Environment Federation, Florida Chapter / American Water Works Association / Florida Engineering Society					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Lithia Water Treatment Plant Large Diameter Valve Replacement, Hillsborough County, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) Ongoing	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a. Construction Management services for the replacement of large diameter valves from 36-, 42- to 54-inches at the Hillsborough County Lithia WTP supplying the plant water storage tanks. Project requires critical construction sequencing requirements in order reduce potable high service water system downtime and maintaining operations at the WTP during the replacement of each of the seven large diameter valves. Cost: \$1,208,500					
(1) Title and Location (City and State)			(2) Year Completed		
Florida Governmental Utility Authority FGUA Lehigh Acres Water Treatment Plant (WTP) No. 1 Lime Sludge Dewatering Process Evaluation, Lehigh Acres, FL			PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Project Manager for the evaluation of the lime sludge storage and dewatering process from the water treatment units and the filter backwash water to add sludge dewatering process facilities. Services include preliminary evaluations and recommendations for improvement options and estimates of probable construction costs.					
(1) Title and Location (City and State)			(2) Year Completed		
Tarpon Springs Beckett Bridge Utility Relocation Design, Tarpon Springs, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2021	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c. Project Engineer for development of preliminary design of horizontal directional drill utility replacement for a 1200 LF 8-in water main and a 12-in force main under the Tarpon Bayou waterway. The bridge is under a Pinellas County replacement program and will impact the existing City water and sewer utilities presently under the Bayou. Project will involve issues of local wetlands and pipeline Sovereign Submerged Lands Easements. Project is in final design phase for utility conflict resolution. Cost: Eng. Est. \$500,000					
(1) Title and Location (City and State)			(2) Year Completed		
Seminole Bypass Canal Sewer Crossing Replacement, Pinellas County, FL			PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Project Manager for design, permitting and construction management services for the replacement of ~150 LF of 10-inch sewer crossing under the Seminole Bypass Canal.					
(1) Title and Location (City and State)			(2) Year Completed		
Sea Gate Combined Sewer System Repair Sea Gate Association, Brooklyn, NY			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e. Project Engineer for the FEMA disaster management program funded replacement design of the Sea Gate community sanitary sewer network which was devastated by Hurricane Sandy in 2012. Sea Gate is a private gated community at the far western end of Coney Island at the southwestern tip of the New York City borough of Brooklyn built in 1899. Sea Gate is a community of over 800 homes with 20,000 feet of sewer pipe 8- to 24- inch and 150 manholes including replacement of storm water catch basins. Project also included bid phase services with construction replacement valued at close to \$30 million. Project is presently under construction.					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Ricardo Maristany, PE		Maintenance of Traffic		a. Total 12	b. With Current Firm 2
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Miami, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS, Civil Engineering, University of Miami, 2008			Professional Engineer Florida No. 76068; OSHA 30-Hr / Construction Safety; FDOT CTQP Asphalt Paving Level I / & II; FDOT CTQP Q/C Manager; FDOT MOT		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Works Association, Florida Engineering Society					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Miami-Dade Water and Sewer Department Aventura FM Project, Miami FL			PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>a. Project Manager. New and replacement force main consisting of approximately 9,000 linear feet of an 8-, 10-, 12-, 14- and 16-inch mains were required to service MDWASD pump stations 499, 471 and 470 as well as other privately owned sewage pump stations in the area to re-direct flows to a major transmission 36-inch force main. Major project components include the design of a new force main of which 6,015 linear feet PVC C900 will be installed via open cut and 2,985 linear feet HDPE will be installed via slip lining method to make minimal disruption to above ground facilities and vehicle traffic. The project also includes close coordination with FDOT for tapping of a 36-inch force main located on US-1 to which all flows will be directed to. The design accounts for future system expansion or improvements, utility relocations, development of MOT plans, roadway improvements, roadway resurfacing and applicable MDWASD water criteria standards. Cost: \$5.2 M</p>					
(1) Title and Location (City and State)			(2) Year Completed		
13th Avenue North to 9th Avenue North Water Main Replacement, Safety Harbor, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>b. Provided MOT design for 2,100 LF of replacement 12" water mains along with new services to affected properties and abandonment of the existing mains in residential neighborhoods. Cost: \$900,000</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Miami-Dade Water and Sewer Department Pump Station Improvement Program, Miami, FL			PROFESSIONAL SERVICES See Below	CONSTRUCTION (if applicable) See Below	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>c. Project, Contract and Construction Manager for the design, permitting, cost estimating, scheduling, permitting, and limited construction support services for implementation of various sewer pump station rehabilitation and force main expansion projects. Designs include climate and resiliency improvements to address sea level rise. To date, 19 projects have been assigned of which six pump stations and force main improvement projects have been completed between 2015 and 2019 and eight more pumps station projects are underway.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
I-595 Express Corridor Improvements Project – Segment D, MOT Design, Broward County, FL			PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2014	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>d. Assistant Project Manager for this Public Private Partnership (PPP) which included over \$150 million in construction including 4 miles of roadway (freeway and corridor road) widening and 3 new reversible lanes for a combined total of 14 lanes, spanning from Davie Road to I-595 and included the turnpike interchange. Responsible for the final pavement design manual, roadway horizontal and vertical geometry, MSE vertical and horizontal geometry, structures, utility installation methods and traffic control plans with construction phasing. Selected MOT quantities include a comprehensive 15 phase traffic control plan (TCP) to encompass all required work, as the contract did not allow for the reduction of existing roadway capacity during the expansion of the roadway. Cost: \$150M</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Miami-Dade Water and Sewer Department Consumer Line, Relocation Program, Miami, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2021 (1-3 Constructed)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>e. Project Manager for design, and program and construction management services for design and development of MOT plans for the conversion of over 2,730 water services from the rear to the front of the properties to abandon old, leaky, small diameter, rear water mains. Conversion involves installation of services from existing front water mains and relocating the water lines within the properties to a new water meter box in the front. At the County's request, 7 bid packages were prepared to facilitate award to small local contractors. All 7 bid packages were prepared on a fast-track basis within 9 months. Services included program management, property inventory, creation of an asset management system and dashboard, design, permitting, contract documents, owner notifications and securing agreements to work on private property, public coordination, bidding support services, and construction management and inspections. Cost: ~ \$20M</p>					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Kaitlin N. Jeffords, EI, ENV SP		GIS Services / Envision / Sustainability / LEED		a. Total 3	b. With Current Firm 3
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS, Chemical Engineering, University of Alabama, 2015			Engineer Intern Florida Envision Certified		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Venice Avenue Water Main Replacement, Venice, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) On-going	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>a. Provided design, permitting and GIS services for ~5,000 LF of replacement 6-inch water main along the main thoroughfare running through downtown Venice. Developed a GIS database, mobile app and web-based dashboard that is being used for data management and real-time tracking of construction progress. Data collected in the field via-hand held GPS dataloggers is uploaded to the database and visible to those with access to the dashboard via different layers. Limited access is also available to residents to monitor construction progress and determine when work on their property is scheduled to begin. Cost: \$600,000 (est.)</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Zone 9C Sanitary Sewer Flow Monitoring Study Pinellas County, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>b. Engineer responsible for coordinating with subconsultants, data analyses, GIS modeling and data analysis for 88,000 LF of gravity sewer and 395 manholes in a 542 acre basin. Prepared a flow monitoring report and monthly flow data reports. Also responsible for monitoring and analyzing collected flow data for anomalies that indicate rain derived inflow and infiltration.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
East Gate Utilities Relocation Phase 2, Venice, FL			PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2021	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>c. Provided design, permitting and GIS services for field investigation, design, permitting, and construction management services for ~21,200 LF of water main replacements, ~2,600 LF of new gravity sewer, abandonment of 2, 3 and 4-inch rear lot water mains, ~2,000 LF of new storm sewer, relocation of 269 water services on private property and roadway re-paving in an existing neighborhood. Developed a GIS database and web-based, project specific dashboard that is being used for data management and will be used for real-time tracking of construction progress and As-Built data. Data collected in the field via-hand held GPS dataloggers and a mobile app, property owner agreements, permits and other project documentation is being uploaded to the database and is visible to those with access to the dashboard via different layers. Cost: \$5M (est.)</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Reclaimed Water Distribution System Modeling, University of Florida, Gainesville, FL			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>d. Developed a GIS based Survey 123 application to collect field information on the irrigation meter locations on campus and to collect and process programming data from over 100 irrigation controllers throughout the campus. The collected data was used to generate sprinkler flows and runtimes for input in the hydraulic model.</p>					
(1) Title and Location (City and State)			(2) Year Completed		
Gulf Boulevard (SR 699) Utility Relocations Pinellas County, FL			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2016	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
<p>e. Engineer responsible for field data collection, utility coordination, design and construction administration assistance for the relocation of 4 miles of potable water and reclaimed water mains and sanitary sewers, including new services and laterals, to be constructed in conjunction with stormwater and roadway reconstruction along a two-lane, narrow roadway on the Pinellas County beachfront. Also responsible for the preparation of Florida Department of Environmental Protection and FDOT construction permits. Cost: \$7.6M</p>					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
David E. Criser, PE, LEED AP BD+C		Envision / Sustainability /LEED		a. Total 41	b. With Current Firm 41
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Wilmington, NC					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
Bachelor of Science, Civil Engineering, 1979			Professional Engineer: North Carolina No. 11270, South Carolina No. 28472, Virginia No.048255, Texas No. 111026		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
MacDill Air Force Base, Outdoor Recreation Center & Storage Warehouse LEED SILVER, MacDill AFB, FL			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2014	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a. David Criser, LEED AP BD+C oversaw structural engineering services for MacDill Airforce Base's LEED Silver Outdoor Recreation Center & Storage Warehouse consisting of a 5,000 SF office building and a 2,400 SF of equipment storage warehouse. The project included detailed structural design of the roof framing, foundations and lateral frame systems, plans, sections and specifications for the retail space and coordinated with a pre-engineered metal building vendor for reaction loads for designing of the foundation and slab systems for the warehouse. Cost: \$2.9M					
(1) Title and Location (City and State)			(2) Year Completed		
CFPUA Miscellaneous Pump Station Improvements Wilmington, NC			PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Project Manager for design and permitting, bid and construction phase services for (5) wastewater pump stations upgrades for the Cape Fear Public Utility Authority (CFPUA). One station included a Smith & Loveless vacuum primed above grade package unit. The other stations required new submersible pumps and controls. The project also included the relocation of a 6-inch force main. Engineer's Fee: \$101,000					
(1) Title and Location (City and State)			(2) Year Completed		
CFPUA 13th Street & North Lake Shore Sewer, Wilmington, NC			PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2018	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c. Project Manager served as the designer of record to evaluate and improve the sewer system in this portion of the CFPUA Sewer system. One part of the project included evaluating an existing and submerged 18-inch gravity sewer line that traverses The City of Wilmington's Greenfield Lake. Project Manager coordinated with City Stormwater Services to lower the lake level so the pipe could be observed. The sewer pipe was evaluated for its structural integrity via pipe thickness sensing equipment. Also, the pipe supports were evaluated for their structural integrity. The second part of the project consisted of the design approximately 1,500 lf of a single new 24-inch gravity sewer line to combine two gravity sewer lines into one in a nearby area. Permitting duties for this project consisted of NCDENR Erosion Control and NCDENR Sanitary Sewer. Engineer's Fee: \$82,000.					
(1) Title and Location (City and State)			(2) Year Completed		
New Hanover Regional Medical Center Emergency Domestic Water Supply Wilmington, NC			PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2014	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Project Manager provided full design services for improvements to the stormwater system for New Hanover Regional Medical Facility. The project included a new pump foundation that was elevated above grade to prevent flooding. The concrete pad was 8 feet by 8 feet. The system was designed around an existing pump. A new basin with a float cage was installed to provide automatic operation. The six-inch discharge was routed through the existing utilities and retaining wall, with a discharge into the curb line of a roadway, that utilizes infiltration as part of the stormwater treatment in this area. This project was vital to protect the operation of the hospital facility during periods of heavy rain. The project helps ensure that stormwater will not back up into one of the main electrical rooms for the facility. Fee: \$47,000.					
(1) Title and Location (City and State)			(2) Year Completed		
CFPUA McCumber's Ditch Sewer Outfall Rehabilitation Wilmington, NC			PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2012	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e. Project Manager prepared the construction plans and specifications for the improvement of approximately 5,000 lf of 10-inch through 24-inch gravity sewer. The design included the rerouting of 319 feet of 18-inch gravity sewer to eliminate an existing "bottleneck" where the line was downsized to three 10-inch line to avoid a very large stormwater structure. The work included permitting, bidding and construction phases of the project. Engineer's Fee: \$83,000					

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Clark Lohmiller, RLA		Landscape Architecture		a. Total 14	b. With Current Firm 14
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
Bachelor of Science, Landscape Architecture, 2006, University of Florida			Professional Landscape Architect No. LA6667167		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
City of Clearwater Solid Waste Transfer Station and Coachman Ridge Park, Clearwater, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a. Clark managed the site landscaping and irrigation design for the City of Clearwater's Transfer Station. He also provided landscaping /irrigation design for the Coachman Ridge Park uplands. Cost: \$16.7M					
(1) Title and Location (City and State)			(2) Year Completed		
Hillsborough County Northwest Solid Waste Transfer Station Hillsborough County, FL			PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2015	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b. Development of landscape design screening the site from Linebaugh Avenue by a significant amount of trees and hedges. In order to increase the screening, over 84 new trees and shrubs were planted along the front of the property and in the road right-of-way. \$11M					
(1) Title and Location (City and State)			(2) Year Completed		
South County Solid Waste Transfer Station Expansion Hillsborough County, FL			PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2010	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c. Provided landscape architecture, design and permitting for right of way buffering and screening. Landscaping utilized native vegetations of trees, shrubs and ground covers. Incorporated a large berm for screening of noise and to provide enhancement of the roadway corridor. Design also included landscape irrigation system. Cost: \$17.4M					
(1) Title and Location (City and State)			(2) Year Completed		
Havana Square, Tampa, FL			PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d. Landscape Architect for this trendy 274-unit apartment complex with structured parking, on-street parking, dual enclosed amenity areas and on street amenity areas within the North Howard district of Tampa. The design, hardscape and landscape planning, design, permitting and construction administration. Unique to this project, the design utilized multiple underground stormwater treatment systems in combination with stormwater attenuation areas both incorporated into the structured parking design and beneath the amenity courtyards with gathering spaces. Cost: \$30M					
(1) Title and Location (City and State)			(2) Year Completed		
Utilities Campus Enhancement Project Conceptual Planning Venice, FL			PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e. Land Planner assisted with the development of site beautification such as enhanced landscaping, security fencing options/alternatives, stormwater facility upgrades, pedestrian connections and park areas, updated signage, improved vehicular circulation and parking areas, etc. Upon aesthetic option approvals, concept plans were developed for the Campus improvements in collaboration with the City and the architect to integrate all of the aesthetic ground plain improvements with the vertical improvements being proposed by the architect.					

Resumes of Key Personnel Proposed for this Contract

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Cristina Lacorazza	Hydraulic Modeling	a. Total 9	b. With Current Firm 3

15. FIRM NAME AND LOCATION (City and State)



Ardurra Group, Inc., Tampa, FL

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Bachelor of Science, Environmental Engineering, 2009, University of Los Andes	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
City of Sarasota WRF Headworks Sarasota, FL	2018	2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Engineer responsible for performing the hydraulic modeling of the five (5) influent force mains to estimate maximum flow conditions in the influent piping system to design the influent pipe to the head works. Developed recommendations for the improvements explaining the hydraulic model and results in a BODR. Cost: \$6.2M		
(1) Title and Location (City and State)	(2) Year Completed	
River Oaks Diversion Project Design-Build Hillsborough County, FL	2018	2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Engineer charged with hydraulic modeling and pump selection for a new 24-MGD wastewater pump station, ~5,000 LF of new 36-inch force main and approximately 12,900 LF of new 30-inch force main to convey wastewater from the River Oaks AWRP site to the expanded Northwest AWRP. Responsibilities included hydraulic calculations followed by engineering evaluations to size and select equipment for the 24 MGD pump station. Cost: \$28M		
(1) Title and Location (City and State)	(2) Year Completed	
Lift Station 54 Force Main Extension Pinellas County, FL	2019	2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Engineer responsible for developing a model of an existing gravity sewer collection system to determine the cause of surcharging and overflows during rain events. Also performed modeling of an existing 8-inch force main and pump station to determine the effects of extending the discharge point of the force main further downstream. Following the analysis, served as Engineer for the design and permitting of the extension of the force main totaling ±1,500 LF and changing its discharge location from a manhole directly into the wet well of Lift Station 54 on Indian Rocks Road. Cost: \$300,000		
(1) Title and Location (City and State)	(2) Year Completed	
Pinellas Park Interceptor Collection System Improvements Preliminary Engineering Report, Pinellas County, FL	2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. Engineer responsible for hydraulic modeling of a 2-mile long, 42-inch diameter sewer interceptor to determine the capacity and operation conditions where surcharging and overflow begins. Assisted with the alternatives and recommendations for the improvements explaining the hydraulic model and results in a PER.		
(1) Title and Location (City and State)	(2) Year Completed	
University of Florida Campus Potable Water Main Modeling Gainesville, FL	2018	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. Engineer responsible for hydraulic modeling of the entire campus using WaterGEMS to evaluate the current pressure issues and determine the possible cause of and potential solutions to the pressure problems. Responsibilities included coordinating with members of the University's Physical Plant Division to obtain relevant hydrant flow tests in order to simulate and calibrate the campus system model, explaining the hydraulic model development process and outlining the model results in a technical memorandum to the University. Computer programs used to develop the project were ArcGIS, AutoCAD Civil 3D, and WaterCAD.		



Resumes of Key Personnel Proposed for this Contract

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. Total	b. With Current Firm
Peter Bottone, PWS, CERP	Ecological Services	37	14

15. FIRM NAME AND LOCATION (City and State)



Ardurra Group, Inc., Tampa, FL

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BA Biology, University of South Florida, 1982	Professional Wetland Scientist (PWS) No. 2919 Certified Ecological Restoration Practitioner (CERP) No. 0199 Authorized Gopher Tortoise Agent GTA-13-00006C

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

AWRA Member #45844; Sierra Club #43950517; Society for Ecological Restoration (SER) MBR65723; FDOT 2.0 Project Development Environmental Studies; Basic Prescribed Fire Training Certificate No. 932325; YMCA Basic Certified Scuba Diver (1986)

19. RELEVANT PROJECTS

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Clearwater Memorial Causeway Subaqueous Pipelines Project, Pinellas County, FL	2014	2018

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role Check if project performed with current firm
Project Scientist responsible for environmental assessment/permitting of a 1.1 mile long potable water/sewer pipe replacement project from Clearwater Beach to the Coachman Park requiring 5000 ft of horizontal directional drill (HDD) within sensitive coastal habitats of Clearwater Harbor. Project activities consisted of wetland JD work, T/E species investigations, SAV/seagrass mapping and assessment, and federal/state permitting, including FDEP coordination of a Sovereign State Lands (SSL) easements and USACE approval (COU) for activities within the federally maintained GIWW adjacent to the Clearwater Memorial Bridge, a Florida OFW located within the Pinellas County Aquatic Preserve.

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Intracoastal Waterway Force Main Replacement Project, Venice, FL	2013	2014

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role Check if project performed with current firm
Project Scientist responsible for environmental assessment/permitting of a sewer force main replacement using horizontal directional drill (HDD) construction to cross the Gulf Intracoastal Waterway (GIW) at the Venice Ave. Bridge. Project activities consisted of wetland JD work, T/E species assessments, environmental design and federal/state permitting, including USACE easement approval for activities within the federally maintained GIW channel right-of-way and Manatee Protection Zone along with coordination with City and County. Cost: \$500,000

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Dunedin Causeway Phases 1, 2 & 3 Utilities Replacement Projects Pinellas County, FL	2010	2014

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role Check if project performed with current firm
Project Scientist responsible for environmental assessment/permitting of a ~5 mile long water/sewer pipe replacement project using horizontal directional drill/open cut construction across Curlew Creek and within sensitive coastal habitats of St. Joseph's Sound. Project activities consisted of wetland JD work, T/E species investigations, environmental design and federal/state permitting, including FDEP coordination of a Sovereign State Lands (SSL) and USACE approval for activities within the federally maintained GIWW in St. Joseph's Sound, a Florida OFW located within the Pinellas County Aquatic Preserve. Cost: \$4.6M

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Pump Station 16 Redundant Force Main, Pinellas County, FL	2018	2020

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role Check if project performed with current firm
Project Scientist responsible for environmental assessments associated with alternatives analysis, Preliminary Engineering Report development and federal and state permitting of 3.5 miles of 36" new force main. The project required the use of trenching through drainage canals and installation via horizontal directional drill (HDD) techniques in crossing large waterways such as Long and Cross Bayou Canal systems. Cost: \$14M

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
SWFWMD Coral Creek Ecosystem Restoration Phases 1 & 2, Charlotte County, FL	2016	2019

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role Check if project performed with current firm
Project Manager/Lead Ecologist responsible for development of a conceptual restoration masterplan (MP) covering the 2,600-acre Coral Creek Property within the Charlotte Harbor Preserve State Park. Implementation of the MP has resulted in the construction of 2 Phases of the MP covering >1,100 ac. with a total construction cost of \$2.7M. Services required final design plans & specifications, environmental permitting, bid assistance and construction oversight. Design entailed historical aerial review, habitat, hydroperiod, protected species and cultural resource assessments, coordinated H & H modeling of the Rotonda drainage system to facilitate hydrological restoration objectives in Phase1. Provided habitat design elements to the plan in collaboration with the FMRI to facilitate a juvenile tarpon fishery study that targeted the modification of 6 existing 900 ft canals in Phase 2. Cost \$2.7M



Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Brian Skidmore		Ecological Services		a. Total 29	b. With Current Firm 25
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS Biology, University of South Florida, 1990			Authorized Gopher Tortoise Agent GTA-12-00016		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS			
(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Largo Wet Weather Force Main Project Largo, FL		2013	2017
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Ecological Services Manager responsible for oversight of ecological support services for this proposed seven mile, multi-segment wet-weather forcemain pipeline within Pinellas County, Florida. Specific services provided included environmental assessments and pipeline route alternatives analyses and feasibility study, regulatory permitting strategy development, habitat mapping and jurisdictional wetland delineations. Cost: \$38M			
(1) Title and Location (City and State)		(2) Year Completed	
Idlewild/Woodlawn Sanitary Sewer and Drainage Improvement/Retrofit Project, Pinellas County, FL		2014	2016
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Ecological Services Manager responsible for oversight of field assessments, wetland delineation and listed species surveys in support of this multi-faceted project within an urbanized area of Pinellas County. The proposed project called for conversion of existing septic treatment (abandonment of 450 septic systems) to a modernized sanitary sewage collection system. Assisted with preparation of Alternatives Analysis Report which also addressed environmental concerns and was submitted to the EPA to serve as an Environmental Impact Document. The stormwater component of the project involved replacement and retrofitting of upgraded pipe size and design to facilitate positive storm runoff drainage and relieve local flooding. Cost: \$6.5M			
(1) Title and Location (City and State)		(2) Year Completed	
Pinellas County Stormwater Facility Improvements Pinellas County, FL		2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Project Manager responsible for coordinating evaluation of over 250 permitted stormwater management facilities within six drainage basins to determine potential for water quality and flood improvements. Performed analysis of historical engineering design permits and plans, drainage reports, and watershed model information. The assessment included a preliminary analysis the facilities and development of a scoring and ranking system in order to identify those sites with the greatest opportunity to provide benefits. A more detailed analysis of the highest ranked 50 sites was also completed, such that the top-ranked sites were selected to develop concept plans and pollutant load reduction estimates. The County will select projects for future implementation within their Capital Improvement Plan.			
(1) Title and Location (City and State)		(2) Year Completed	
City of Clearwater Solid Waste Transfer Station Replacement Project, Pinellas County, FL		2017	2020
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
d. Ecological Services Manager responsible for providing environmental support services in the development of alternative site concepts and construction cost estimating for demolition of the City of Clearwater's existing transfer station and construction of a new transfer station and associated scale house and site amenities. Feasibility review included evaluating permitting and site regulatory constraints, especially with respect to wetland and 100-year floodplain mitigation. Cost: \$16.7M			

Resumes of Key Personnel Proposed for this Contract

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Zachary L. Tarifa, EI	Water/Wastewater/Reclaimed Water/Biosolids	a. Total 4	b. With Current Firm <1

15. FIRM NAME AND LOCATION (City and State)



Ardurra Group, Inc., Sarasota, FL

16. EDUCATION (Degree and Specialization)

Bachelor of Science, Environmental Engineering,
University of Central Florida

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

NCEES 2016: Successfully passed the Fundamentals of Engineering Examination

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Florida Water Environment Association / Order of the Engineer

19. RELEVANT PROJECTS

(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Fairways of Capri Isles Water Main Improvements, Venice, FL		2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role a. This project includes approximately 3,035 linear feet of 6-inch PVC water main that will be installed via horizontal directional drill and open-cut methods along Pellegrin Avenue, Belfiore Avenue, and Playwell Drive, and 138 new single or double service connections and meter boxes will be installed from the existing meter locations to the new water main.		<input checked="" type="checkbox"/> Check if project performed with current firm	
Eastgate Utilities Relocation Phase 2, Venice, FL		2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role b. This project includes approximately 20,785 linear feet of 6-inch PVC water main, and 1,100 linear feet of 8-inch PVC water main that will be installed via horizontal directional drill and open-cut methods along Groveland Avenue, Myrtle Avenue, Pineland Avenue, and Gulf Coast Boulevard bounded by US-41 to the east and Groveland Avenue to the west. New single or double service connections and meter boxes will be installed from the existing meter locations to the new water main for all lots on both the north and south sides of the road.		<input checked="" type="checkbox"/> Check if project performed with current firm	
West Venice Avenue Water Main Replacement, Venice, FL		2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role c. This project includes approximately 5,000 linear feet of 6-inch PVC water main and 500 linear feet of 8-inch PVC water main that will be installed via horizontal directional drill and open-cut methods along W Venice Avenue between The Esplanade and Ave De Parques. Installation includes isolation valves and fire hydrant assemblies, and connections from the new mains to existing service lines serving existing meters and fire protection systems or fire hydrant lines is also included in this project.		<input checked="" type="checkbox"/> Check if project performed with current firm	
Nokomis Sewer Phase II, Sarasota, FL		2017	On-going
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role d. This project includes approximately 550 linear feet of 6-inch PVC DR-25 sanitary force main and 1,600 linear feet of 8-inch HDPE DR-11 sanitary force main that will be installed via horizontal directional drill and open-cut methods along Pocono Trail and Colonia Lane between US-41 and Church Street.		<input checked="" type="checkbox"/> Check if project performed with current firm	

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Matt Davis, PE		I & C / SCADA		a. Total 7	b. With Current Firm 7
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS Mechanical Engineering, University of Central Florida 2012			Professional Engineer Florida #83410		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Regional Integrated Loop System, Phase 1 Peace River Manasota Regional Water Supply Authority			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a.	Engineer responsible for instrumentation and control design of a meter station that serves as an interconnect with the City of Punta Gorda. Meter station design included flow metering and hydraulic controls to allow monitoring and control from both the City of Punta Gorda and Peace River Manasota Regional Water Supply Authority SCADA systems. Cost: \$8.25M				
(1) Title and Location (City and State)			(2) Year Completed		
WRF Legacy Controller Upgrade University of Florida, Gainesville, FL			PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	Engineer responsible for instrumentation and control design of project at the University's WRF that included a complete upgrade of the SCADA system including design of seven (7) new control panels located nearby process equipment, replacement of miscellaneous instrumentation devices, development of P&IDs, new process control strategies, and integration with the existing SCADA system.				
(1) Title and Location (City and State)			(2) Year Completed		
Dunedin WTP Well Site Instrumentation and Remote Telemetry Upgrades, Dunedin, FL			PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2016	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	Project Engineer for the development of design criteria for replacement of Radio Telemetry and SCADA Controls at approximately 25 raw water well sites. Development of design criteria included requirements for new local control panel, Allen-Bradley PLC's, surge protection, radio telemetry units, and other miscellaneous instrumentation and control requirements. Design criteria also included software and hardware requirements for the installation of a new Supervisory Control and Data Acquisition (SCADA) System at the City's Water Plant and integration with the Radio Telemetry System at the 25 remote well sites. Limited construction services included review of shop drawings and coordination with the Contractor. Cost: \$300,000				
(1) Title and Location (City and State)			(2) Year Completed		
Main Wastewater Treatment Plant Digester Improvements Galveston, Texas			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2020	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	Engineer of Record responsible for instrumentation and control design at the City's Main Wastewater Treatment Plant including design of three (3) new turbo blower units, sludge transfer pumps, miscellaneous instrumentation devices, development of P&IDs, control strategies, and integration with the City's existing redundant Programmable Automation Controller (PAC) system.				
(1) Title and Location (City and State)			(2) Year Completed		
Well No. 4 Pump Replacement Project, Dunedin, FL			PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2016	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	Project Manager for the design of a replacement pump, and miscellaneous modifications at the City of Dunedin's existing Well No. 4 pump house. The project included reviewing existing data, selection of a replacement pump, design of a new stainless steel well head, miscellaneous piping modifications, and miscellaneous electrical modifications.				

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Jeffrey E. Kistner, PSM & PLS		Surveying		a. Total 40	b. With Current Firm 3
15. FIRM NAME AND LOCATION (City and State)					
 Ardurra Group, Inc., Sarasota, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
Sacramento City College, Sacramento, CA, 1988 Metropolitan State College, Denver, CO, 1985			Professional Surveyor & Mapper, Florida, 2017 Professional Land Surveyor, Colorado, 1995		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS			
(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Mease Countryside Hospital, Safety Harbor, FL		2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Project Manager for the execution of surveying services for a 311 Bed hospital (Alta Survey).			
(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Morton Plant Hospital, Clearwater, FL		2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Project Manager for the execution of surveying services for a Ptak Orthopedic & Neuroscience Pavilion (Alta Survey).			
(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
The Fountains at Northpointe, Tampa Bay, FL		2017	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Project Manager for the execution of surveying services for a Apartment Site in Pasco County (Boundary & Topo Survey)			
(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Villages at Glen Creek, Tampa Bay, FL		2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
d. Project Manager for the execution of surveying services for a Single Family Site in Manatee County (Boundary & Topo Survey).			
(1) Title and Location (City and State)		(2) Year Completed	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Nokomis Sewer Extension, Tampa, FL		2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role		<input checked="" type="checkbox"/> Check if project performed with current firm	
e. Project Manager for the execution of surveying services for approximately 550 linear feet of 6-inch PVC DR-25 sanitary force main and 1,600 linear feet of 8-inch HDPE DR-11 sanitary force main that will be installed via horizontal directional drill and open-cut methods along Pocono Trail and Colonia Lane between US-41 and Church Street.			

Resumes of Key Personnel Proposed for this Contract

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. Total	b. With Current Firm
Edward "Ned" Connolly, PSM	Subsurface Utility Engineering	13	2

15. FIRM NAME AND LOCATION (City and State)
OMNI Communications, LLC, Tampa, FL

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Pennsylvania State University, BA Land Surveying Engineering	Professional Surveyor and Mapper, Florida PSM 6911

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Miscellaneous Professional Engineering Services, Hillsborough County, FL	2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role <input checked="" type="checkbox"/> Check if project performed with current firm		
SUE Project Manager. Coordinated emergency Subsurface Utility Engineering locating and designating (Quality Level A and B SUE) services to aid in the design solution for a collapsed drainage pipe at the intersection of Lovers Lane and Big Bend Road in Hillsborough County, FL.		

a.

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
East Gate Utilities Relocations, Phase 2, City of Venice, FL	2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role <input checked="" type="checkbox"/> Check if project performed with current firm		
SUE Project Manager. Omni coordinated with Ardurra to complete designating (Quality Level B SUE) of all subsurface utilities in the area of relocation for a design improvement project. Omni worked with Ardurra to complete locates (Quality Level A SUE) at the locations of potential design conflicts.		

b.

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Nokomis Sewer Extension, Phase 2, Sarasota County, FL	Ongoing	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role <input checked="" type="checkbox"/> Check if project performed with current firm		
SUE and Survey Project Manager. Omni completed Subsurface Utility Engineering locating and designating (Quality Level A and B SUE) services and survey of the SUE for this force main extension project.		

c.

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Hillsborough County Advanced Water Treatment Demonstration Project, City of Tampa, FL	2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role <input checked="" type="checkbox"/> Check if project performed with current firm		
SUE and Survey Project Manager. Omni was contracted to use its Subsurface Utility Engineering and Survey expertise to work with Hillsborough County in order to provide crucial data necessary to prepare the Basis of Design Memorandum to be used in the procurement and construction of the Advanced Wastewater Treatment facility located on Falkenburg Road in the City of Tampa.		

d.

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
San Carlos Pumping Station Rehabilitation Design Build, City of Tampa, FL	2017 - 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role <input checked="" type="checkbox"/> Check if project performed with current firm		
SUE and Survey Project Manager. – Omni completed the Design Build Criteria Package, while also providing support in the areas of procurement, construction and SUE / Survey necessary to the rehabilitation of the wastewater pump, relative equipment and the exterior building housing the San Carlos pumping station.		

e.

Resumes of Key Personnel Proposed for this Contract

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
F. Jaime Driggers, PE	Geotechnical Engineer	a. Total 48	b. With Current Firm 38

15. FIRM NAME AND LOCATION (City and State)
Driggers Engineering Services, Inc. Clearwater, Florida

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Bachelor of Science, Civil Engineering, UF MS, Civil-Geotechnical Engineering, UF	Professional Engineer FL #16989

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Peace River Regional Transmission System, Phase 3B Interconnect, Punta Gorda, FL	2017	In Construction

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm
As subconsultant to Ardurra, a geotechnical investigation was completed as part of the Peace River Regional Transmission System Phase 3B Interconnect Loop. The pipeline has an overall length of about 27,600 feet. The transmission main will have a diameter of 48 inches and will typically have a minimum pipe cover of 48 inches. Though the pipeline will be installed via direct embedment, there is one exception which is an aerial crossing to bypass existing structures and utilities. A program of test borings was performed at nominal 500 foot intervals in order to develop generalized subsurface soil information. Provided results of our field and laboratory studies, together with geotechnical design and construction recommendations. Cost: \$12.1M	

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Peace River Regional Transmissions Systems, Phase 1 Interconnect, Peace River, FL	2017	2020

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm
As a subconsultant to Ardurra, retained to conduct geotechnical studies and recommendations for 36,000 LF of 36' and 48" water transmission mains. Cost: \$9M	

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Clearwater Memorial Causeway Subaqueous Pipelines Project, Pinellas County, FL	2014	2018

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm
As a subconsultant to Ardurra, retained to conduct geotechnical studies and recommendations for the installation of a replacement 24" force main across Clearwater Harbor from Bayway Blvd. On Clearwater Beach to SR 60 (approximately 2,700 LF) and a new 20-inch pipeline across the Intracoastal Waterway from the Memorial Causeway to Drew Street for future use as either a force main, water main, or reclaimed water main (approximately 1,500 LF).	

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Nokomis Force Main, Sarasota County, Florida	2019	

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm
As a subconsultant to Ardurra, a subsurface investigation was conducted for the proposed pipelines. The project consists of the installation of a six inch diameter fusible PVC wastewater force main using a combination of direct embedment and horizontal directional drilling. The maximum pipeline embedment will be in the range of 4 to 6 feet below existing grade. Provided results of our field and laboratory tests together with a discussion of our findings and recommendations.	

(1) Title and Location (City and State)	(2) Year Completed	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Venice Avenue Water Mains, Venice, Florida	2019	

(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role	<input checked="" type="checkbox"/> Check if project performed with current firm
A program of classification borings and accompanying hand cone penetrometer tests was completed to help facilitate the design of the planned utilities. The project consists of the installation of a six inch diameter HDPE water main using horizontal directional drilling methodology. Discussed the need for careful monitoring of any escape of drilling fluids to the surface or the development of excessive fluid pressures that could result in damage or displacement of existing structures and utilities. Reported on soil and groundwater conditions.	

Resumes of Key Personnel Proposed for this Contract

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
				a. Total	b. With Current Firm
Paul Carastro, PE		Electrical Engineering		35	32
15. FIRM NAME AND LOCATION (City and State)					
Carastro & Associates, Inc., Tampa, FL					
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)		
BS Electrical Engineering BS Industrial Engineering, Georgia Institute of Technology			Professional Engineer, FL #45830		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
19. RELEVANT PROJECTS					
(1) Title and Location (City and State)			(2) Year Completed		
Angeline Phase 1 Pump Station, Pasco County, FL			PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
a.	Subconsultant for Ardurra. Electrical Engineer of Record for three new pump stations for sewers in Pasco County, FL. Electrical design includes power for all pumps and control cabinets. Coordination with local electric utility for a new electrical service and meter for all three sites. Fault current calculations to be completed, generator connection to provide emergency power to pump stations and control wiring for low voltage devices including transmitters and float switches. Construction administration includes equipment submittal review, response to contractor RFIs and project site visit with punch list with outstanding items.				
(1) Title and Location (City and State)			(2) Year Completed		
Punta Gorda Wastewater Facility, Punta Gorda, FL			PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	Subconsultant for Ardurra. Electrical Engineer of Record for additional site lighting within Wastewater Management System at City of Punta Gorda, FL. Electrical design included extending existing site lighting power to (2) new site lighting poles above the new splitter box walkway. Construction administration includes equipment submittal review, response to contractor RFIs and project site visit with punch list with outstanding items.				
(1) Title and Location (City and State)			(2) Year Completed		
City of Sarasota Water Reclamation Facility Headworks Improvement and Filter Replacement – CMAR Delivery, Sarasota, FL			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	Subconsultant to Ardurra/King Engineering. Electrical Engineer of Record. Preparation of plans for wire and conduit routing for instruments and controls as well as a communication link for all control systems for the headworks improvements at the City's Water Reclamation Facility. The headworks improvements included a new raw sewage screen, new influent flow distribution chamber, piping including a new bypass pipe, channel covers and handrail. Construction administration included as part of services. Cost: \$4.7M.				
(1) Title and Location (City and State)			(2) Year Completed		
City of Tarpon Springs Advanced Wastewater Treatment Facility (AWTF) Clarifier Refurbishment, Tarpon Springs, FL			PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2019	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	Subconsultant to Ardurra/King Engineering. Electrical Engineer of Record. Refurbishment of two clarifiers at the AWTF. Electrical design included design of variable frequency drives (VFDs), breaker, disconnects, conduit and conductors to the clarifiers, as well as design replacement of light poles and associated wiring on/around clarifiers. Cost estimates prepared for each design phase were included as part of services. Cost: \$1.25 M.				
(1) Title and Location (City and State)			(2) Year Completed		
City of Lakeland Wastewater Treatment Plant, Energy Improvements Lakeland, FL			PROFESSIONAL SERVICES 2017 - 2019	CONSTRUCTION (if applicable)	
(3) Brief Description (Brief Scope, Cost, etc.) and Specific Role			<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	Subconsultant to Ardurra/King Engineering. Electrical Engineer of Record. Removal of three blowers and replacement of four new blowers at the Glendale Wastewater Treatment Plant for the City of Lakeland. Electrical design included removal of motor starters, blowers, conduits and conductors. New circuit breakers to be added in existing MCC1 to feed blowers 1 and 2 and new switchboard. Project management and construction administration to be performed. Cost: \$6.7M.				



TAB 4

TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS

SF330 Section F

SF330 Section G



4 TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS/PROGRAMS

Since we opened our doors in 1977, Ardurra has built a solid reputation with local Florida governments and agencies for our responsiveness, dependability, personal services and delivery of quality work projects. This is demonstrated by our 21 active Florida utilities engineering service contracts, many of which have been maintained continuously for over 20 years with neighboring cities and counties to North Port!

Through these contracts, we have successfully delivered projects and services identical to the services the City of North Port is seeking through this contract. As the project descriptions on the following pages demonstrate, our extensive and wide-ranging experience on water, wastewater and reclaimed water projects in the Tampa Bay area is impressive. We take pride in improving our local community and assisting our clients improve the level of service to their customers, optimize their operations and future-proof their facilities through economical and sound engineering. Our clients' satisfaction and repeat work with us speaks for itself!

OUR EXPERIENCE

The Ardurra Team's skillset and experience perfectly matches the types of projects the City will be executing under this continuing services contract! To demonstrate this, the following SF330 Section F pages present a portion of our Team Members' similar experience on water, wastewater, reuse and climate resiliency and hardening projects. Much of our experience has been for the City's neighboring communities, with which we have had long-term utilities general services contracts.

In addition, because of the long-term stability of Ardurra's personnel, the projects described below represent the personal experience of our team members and not just corporate experience. We are very proud of our longterm continuity and the benefits that our pooled knowledge and established and successful methods of working together provide our clients and look forward to sharing these benefits with the City.

SAVING OUR CLIENTS MONEY

Ardurra is very skilled with thinking outside the box and coming up with novel approaches to projects in order to help our clients save money. Below are just a few relevant examples of how we have done just that.



For Hillsborough County's US 301 Force Main (Valencia Lakes to SR 674), Ardurra provided design, permitting and construction services for ±8,000 LF of 30-inch force main in advance of an FDOT roadway widening project. By recommending that a section of the force main be installed in easements outside the right-of-way, a project savings of \$2 million was realized by eliminating burdensome FDOT requirements.

TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY
IN SIMILAR PROJECTS/PROGRAMS

For the City of Clearwater's Idlewild "The Mall" Sanitary Sewer System project, Ardurra performed design, permitting and construction administration services for 20,000 LF of gravity sewer main. The project was completed \$1 million under budget. These same services were performed for the C.R. 193 project which was completed \$750,000 under budget.



For Peace River Manasota Regional Water Supply Authority Regional Integrated Loop System Phase 2 Interconnect, Ardurra provided design, permitting and construction of 7 miles of 42-inch water main. This 15-month construction project was completed 6% under the \$10.9 million budget and on time.

For the City of Clearwater's Clarifier Rehabilitation Program, all 14 clarifiers were completely gutted and outfitted with new internal mechanisms and drives. Ardurra worked with major clarifier manufacturers to develop a competitive specification for the clarifier equipment and then pre-qualified manufacturers to bid the project. Additional costs savings were also realized by the Owner's direct purchase of materials, which allowed the City to forego paying sales tax.



We look forward to applying our tried and true cost savings and quality control methods to the successful completion of your project.

TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS/PROGRAMS

SAFETY

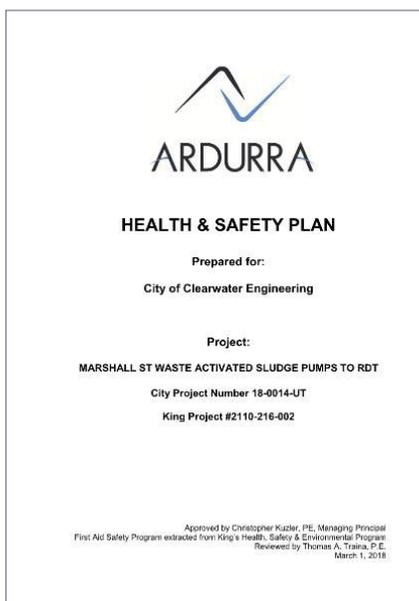
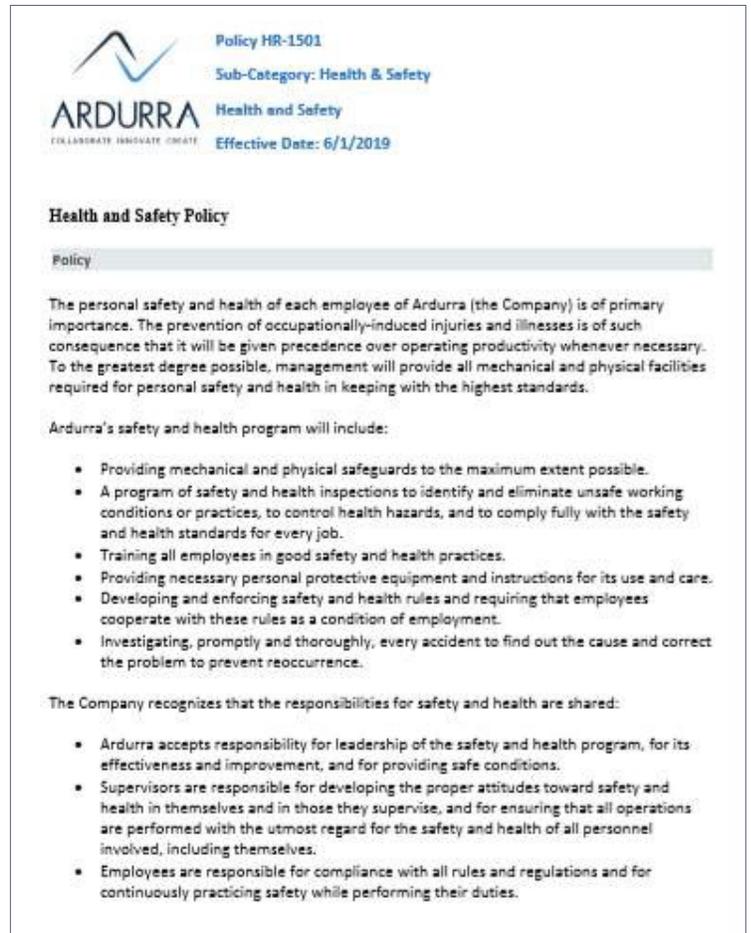
Ardurra is committed to maintaining a healthy, safe, and productive work environment for all employees. Our current EMR Rating is 0.72, which, being less than 1.0, indicates that our company is considered safer than most. We make every effort to provide safe working conditions for employees and to educate employees on site-specific dangers.

It is our top priority to prevent work-related accidents and injuries. Accidents and injuries must be reported immediately to the employee's supervisor and/or Project Manager, then to the Human Resources Department. For site-specific safety, special attention is given during the course of on-site work performed for any contract.

The company observes the safety laws of the governmental bodies within whose jurisdiction we operate. No one is knowingly required to work in any unsafe site or manner. Safety is every employee's responsibility. Therefore, all employees are requested to point out potential hazards and do everything reasonable to prevent potential accidents/injuries. The use of common sense is an important part of any safety program.

Ardurra educates its employees in order to insure safe working conditions for its employees through training and review of safety procedures and review of safety-conscious work habits. All employees must have company provided personal protective equipment (PPE) when entering any construction site, field work, plant site or any other location or site that necessitates the use of PPE. At minimum, site specific training must be performed prior to entering any plant site.

All employees must have company provided personal protective equipment (PPE) when entering any construction site, field work, plant site or any other location or site that necessitates the use of PPE. At minimum, site specific training must be performed prior to entering any plant site.



SAFETY COMPLIANCE

The company's Health & Safety Plan/Accident Prevention Program complies with OSHA regulations. Project Managers have the primary responsibility to assure compliance with all OSHA & site-specific regulations for safety on the job. All personnel are required to read and understand the Health & Safety Plan/Accident Prevention Plan prior to beginning work.

SAFETY TRAINING

All field personnel receive safety training prior to beginning work at project sites, which is coordinated through the Project Managers. Prior to beginning work at a job site, all Ardurra personnel performing work receive on site initial safety and accident prevention training, and receive such continuous training, as is necessary to fully comply with the requirements of OSHA and site-specific training. Instructions include all safety training required for the specific hazards an employee might encounter while on site, but not be limited to:

TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS/PROGRAMS

- Project and/or site-specific safety practices
- Accident Reporting Procedures
- Individual employee safety responsibility
- First aid procedures for minor superficial injuries, snake or insect bites, heat stress or hypothermia
- Proper use of hand tools and other equipment
- Use of Personal Protective Equipment (PPE)
- Hazardous Materials
- Water Safety Drug and Alcohol Abuse Prohibition
- Non-Smoking Policy

Periodic safety meetings are held on the job site as directed by the site to refresh Health and Safety requirements. All site requirements must be followed.

EMPLOYEE'S RESPONSIBILITY

All Ardurra personnel are required to conduct work in compliance with the Safety & Health Plan/Accident Prevention Program in such a way as to avoid injury to himself/herself and his/her team members. Any team member who is unsure of the site Health and Safety requirements shall request clarification from their supervisor.

When in the field each employee must have:

- Footwear that provides protection and firm support for the feet and ankles. Laced boots with a steel toe are recommended. "Soft" or open-toed footwear such as tennis or jogging shoes, or sandals, is prohibited.
- Work Clothing that provides protection from the hazards present at specific sites. Sleeveless shirts are prohibited.
- Leather work gloves when necessary.
- Hard hat and safety vest.
- Face mask, goggles, and hearing protection when necessary.

Each employee must report unsafe conditions or practices to his/her supervisor, promptly report all accidents and personal injuries to his/her Supervisor, render or find aid for injured person, be alert for hidden hazards, refrain from horseplay and practical joking, and store and secure all equipment and supplies when not in use. At no time shall any Ardurra employee operate equipment or machinery while on a construction site, plant site or any other project zone unless specifically trained to do so.

COVID-19 RESPONSE

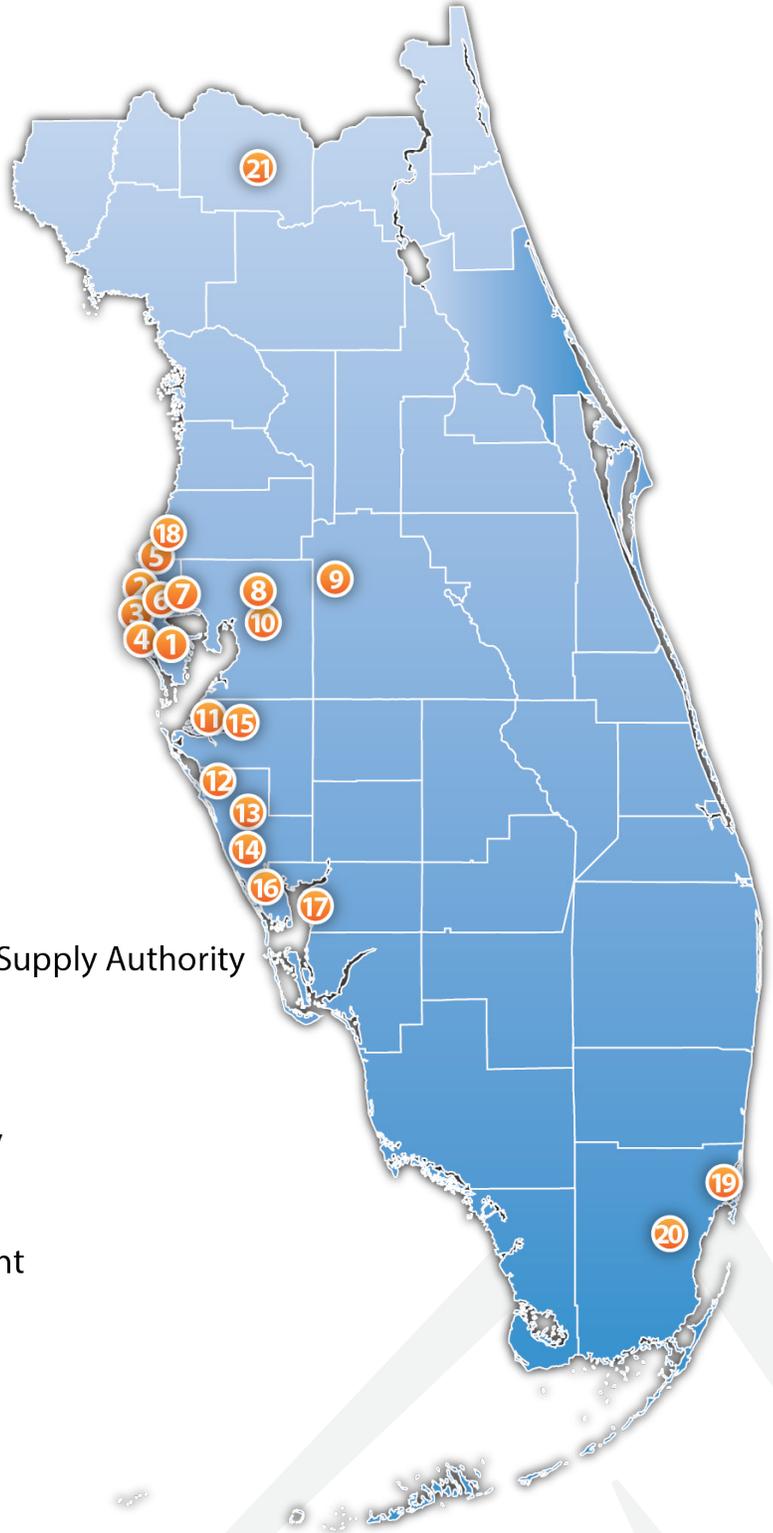
Throughout the COVID-19 crisis, Ardurra has followed CDC guidelines as well as state and local municipality temporary orders. Thanks to our robust IT system, all employees were able to work effectively from home while Stay at Home orders were in effect and, at the time of this proposal, roughly 50% of our Tampa workforce has returned to the office, subject to strict social distancing and other requirements. We will continue to enforce our policies, adapting them as the COVID-19 crisis continues to play out, and will respect and follow the policies of our individual clients.

TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY
IN SIMILAR PROJECTS/PROGRAMS

The following exhibit is a listing of our utilities engineering clients with whom we have continuing and/or miscellaneous contracts. We know the level of service expected under these contracts, and we deliver!

ARDURRA'S GOVERNMENT & AGENCY CLIENTS UTILITIES MISCELLANEOUS / CONTINUING SERVICES CONTRACTS

- 1 Pinellas County
- 2 Dunedin
- 3 Clearwater
- 4 Largo
- 5 Tarpon Springs
- 6 Safety Harbor
- 7 Oldsmar
- 8 Hillsborough County
- 9 Lakeland
- 10 Plant City
- 11 Palmetto
- 12 City of Sarasota
- 13 Sarasota County
- 14 Venice
- 15 Peace River Manasota Regional Water Supply Authority
- 16 Englewood Water District
- 17 Punta Gorda
- 18 Florida Governmental Utility Authority
- 19 Miami Beach
- 20 Miami Dade Water & Sewer Department
- 21 University of Florida



Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION (<i>City and State</i>)		22. YEAR COMPLETED
City of Venice Water Main Replacement Program, Venice, FL		Professional Services Construction (if applicable)
		Ph 1 & 3, 5 2015 /Ph 6 - 2017 Ph 1, 3 5-2019 /Ph 6 –2020
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER
City of Venice	Javier Vargas	941.408.5468

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: (*include scope, size, and cost*)

Ardurra was hired by the City to perform an evaluation of the City's water system to identify locations of galvanized and cast iron water mains, develop a GIS map for planning purposes, and evaluate various technologies for assessing pipe conditions.

To eliminate the unlined mains and provide improved service, the City implemented a Program to construct new mains along streets, relocate individual meters into the right-of-way in front of all properties, run a new service from the meter to the building, and abandon the mains that are located in rear easements.

Ardurra was selected by the City to provide design, permitting, and construction management services for six (6) phases of this eight phase Program. Projects have included:

- Phase 1 (completed): ±5,000 LF of new 6-inch and 8-inch water mains, abandonment of existing, relocation of ±141 private services, and a 10- inch directional drill under Hatchett Creek. Cost: \$1.1M
- Phase 3 (completed): ±5,100 LF of 6-inch water main, abandonment of existing 2-inch through 4-inch mains and relocation of ±139 private services. Cost: \$1.1M
- Phase 5 (completed): ±9,200 LF of 6-inch water main, abandonment of existing 2-inch through 4-inch mains and the relocation of ±160 private services. Cost: \$1.9M
- Phase 6 (in construction): ±7,475 LF of 6-inch water main abandonment of existing 2-inch through 4-inch mains and the relocation of ±100 private services. Cost: \$2.1M

Ardurra is currently completing preliminary engineering for Phases 7 and 8.

Phases 5, 6, 7 and 8 have been/are being funded with State Revolving Loan funds. In all phases, the water mains were/are being installed using a combination of open trench and horizontal directional drill construction. The means of installation was determined based on the level of restoration that would be required and the potential disruption to residents. The program is also being used to bring all affected lots into conformance with the City's new backflow prevention program with double check valves or reduced pressure zone backflow preventers, and pressure relief valves where applicable, being added to services depending on the level of risk (i.e. private well or reclaimed water for irrigation).

Ardurra is providing similar services for the Venice's Eastgate Utility Relocations Ph 2 and Ph3 involving approximately 21,150 LF of new 6-8" water main, 2,050 LF of new 8" gravity sewers, seven (7) new sanitary manholes, 243 water service relocations on private lots and 26 combined water and sewer service relocations on private lots as well as abandonment of the existing water and sewer mains in rear lot easements

Duration: in construction

City of North Port Category Reference:

- Cat 2 - Conveyance Systems
- Cat 5 - Geotechnical



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Environmental Engineering, BODR, Permitting & Construction Management / Observation
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c. OMNI Communications, LLC	a. Tampa, FL	a. Subsurface Utility Engineering (SUE)

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
City of Sarasota Water Reclamation Facility Headworks Improvement and Filter Replacement CMAR, Sarasota, FL		Professional Services	Construction (if applicable)
		2018	2020
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
City of Sarasota, FL	Verne Hall, PE	941.955.2325	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: (include scope, size, and cost)

Ardurra provided design, permitting and construction administration and inspection services for retrofitting two of the City's water reclamation facility's travelling bridge filters with Aqua-Aerobic Systems' AquaDiamond filters and for the addition of new primary and bypass channels and a mechanical screen in the 33 MGD existing headworks.

City of North Port Category Reference:

- Cat 1 - Treatment Storage

The filter improvements consisted of retrofitting two (2) of the City's existing five (5) traveling bridge sand filters with an AquaDiamond cloth media filtration system and rehabilitation of one of the existing sand filters. The work also consisted of structural modifications to the existing filter tanks and flow channels, demolition of existing equipment, retrofitting the filter basin with the cloth media filtration system, filter backwash water pumping and associated hydraulic improvements along with new electrical systems and SCADA/controls improvements.

The headworks expansion included a new 36-inch automatic raw sewage screen and washer/compactor equipment, controls and electrical equipment for the two existing automatic screens into a single, triplex enclosure. The project also included hydraulic modeling of 27 pump stations and their force main system and modifications to the existing raw sewage influent piping to eliminate bottlenecks in the system.

The project was executed using the CM @ Risk Alternate Delivery Method. Throughout design, Ardurra worked closely with the CMAR to develop an extensive Sequence of Construction and Bypass Pumping Plan in order to allow the project to be constructed without interruptions to existing operations while public access reuse effluent quality.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Wastewater Engineering, Permitting, Construction Administration / Observation
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b.	a.	a.
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c.	a.	a.

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Bahia Vista Street Water Main Replacement Sarasota, FL		Professional Services 2016	Construction (if applicable) 2019
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
City of Sarasota	Verne Hall	941-955-2325	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: *(include scope, size, and cost)*

Ardurra provided design, permitting and surveying services for the replacement of 2,600 LF of existing 8- and 6-inch cast iron and asbestos cement water main along Bahia Vista Street from Orange Avenue to US-41 with a new 12-inch ductile iron water main to be constructed in the roadway via open trench. The project also includes new services to 61 lots and complete milling and overlaying of the existing roadway – which is an original brick roadway overlaid in the 1980s.

City of North Port Category Reference:

- Cat 2 - Conveyance Systems
- Cat 5 - Geotechnical

The project includes a crossing of Osprey Avenue. Because Osprey Avenue is currently being reconstructed, the project was divided into two phases so that work in the intersection can be completed ahead of the remainder of the project. Phase 1 included replacement of the water mains in the Osprey Avenue intersection and has been completed. Phase 2, which includes the remainder of the new water mains, is on hold pending resolution of a funding source.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Design, Permitting & Construction Certification
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. OMNI Communications, LLC	a. Tampa, FL	a. Subsurface Utility Engineering (SUE)
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
c. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Clearwater Memorial Causeway Subaqueous Pipelines, Clearwater, FL		Professional Services	Construction (if applicable)
		2014	2018
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
City of Clearwater	Lan-Anh Nguyen, PE	727.562.4581	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: *(include scope, size, and cost)*

The City of Clearwater contracted Ardurra to provide design, permitting, and construction management services for the installation of a replacement 24" force main across Clearwater Harbor from Bayway Blvd. on Clearwater Beach to SR 60 (approximately 2,700 LF) and a new 20-inch pipeline across the Intracoastal Waterway from the Memorial Causeway to Drew Street for future use as either a force main, water main, or reclaimed water main (approximately 1,500 LF). Both pipelines are installed via subaqueous horizontal directional drill methods. The route for the 24" force main starts in a congested residential/commercial area on Clearwater Beach, crosses the harbor and then crosses a recreational trail along the Causeway before being connected to an existing 20" force main, which will require the use of a 20" line stop in the existing main. The new 20" pipeline runs parallel to the recreational trail and then crosses the harbor through the City Marina before terminating in a City park. Connection to the existing main will require the use of a 16" line stop. Permitting was required from the Florida Department of Environmental Protection, Florida Department of Transportation, and the U.S. Army Corps of Engineers.

City of North Port Category Reference:

- Cat 2 - Conveyance Systems
- Cat 5 - Geotechnical

Project Budget / Final Cost: The initial budget for this project was \$3.7 million. The Base Bid was \$3.5 million.

This project took place in the FDOT's limited access right-of-way along State Road 60.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Environmental Engineering, BODR, Permitting & Construction Management / Observation
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c. OMNI Communications, LLC	a. Tampa, FL	a. Subsurface Utility Engineering (SUE)

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Punta Gorda Wastewater Treatment Plant (WWTP) Piping Replacement and Aeration System Evaluation		Professional Services	Construction (if applicable)
		2014	2015
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
City of Punta Gorda	Steve Adams, PE	941.575.3325	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: *(include scope, size, and cost)*

Alternative Piping Replacement Study at WWTP - Wastewater chemistry corroded the existing raw sewage piping between the headworks and the aeration basins and between the aeration basins and the clarifiers. Ardurra evaluated alternative piping replacement options. These options included the in-kind replacement of the piping and the replacement of the piping with hydraulic flow splitter boxes incorporating equal length weirs to accomplish the flow split between on-line basins. The resulting study recommended a splitter box alternative that required temporary bypass piping.

Piping Replacement at WWTP - Ardurra was retained to provide design, permitting and construction management services for the selected alternative above, which entailed the design of a temporary bypass piping system to maintain the plant in service while a new flow splitter box was constructed for dividing raw sewage between four (4) aeration basins and mixed liquor between four (4) clarifiers at a construction cost of approximately \$1.9 million.

Punta Gorda 4 MGD Aeration Study at WWTP - As part of the study phase of the Piping Replacement project, the City requested that Ardurra evaluate the old and inefficient aeration process at the WWTP, which uses jet aeration technology for oxygen transfer in the biological treatment process. Ardurra evaluated the feasibility of replacing the jet aeration system with a new, fine bubble, membrane disc diffuser system. The results of this study showed that the membrane disc diffuser system, at a cost investment of \$600,000, will pay for itself through reduction in operating costs in less than 12 years.

City of North Port Category Reference:

- Cat 1 - Treatment & Storage
- Cat 2 - Conveyance Systems
- Cat 3 - Planning



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Environmental Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c. Carastro & Associates, Inc.	a. Tampa, FL	a. Electrical Engineering

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
City of Dunedin Master Plan Study, Dunedin, FL		Professional Services	Construction (if applicable)
		2014	2015
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
City of Dunedin	Doug Hutchens	727.298.3005	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: (include scope, size, and cost)

Ardurra completed a Master Plan Study for the City of Dunedin's Reverse Osmosis Water Treatment and Advanced Wastewater Treatment Plants with the aim of identifying projects that will reduce energy consumption, increase process efficiencies, lower operating costs, facilitate maintenance and address anticipated changes in regulatory requirements. The study resulted in a Capital Improvement Plan that allows the City to plan for, fund and implement the recommended projects over the next ten years. Estimated costs for the recommended improvements were developed along with a schedule for their implementation and a plan for maintaining operations during their construction. The evaluation was comprehensive and addressed:

WATER

- Projected demands;
- Raw water quality and trends;
- Pretreatment, membrane skid, post treatment and disinfection upgrades – including blend stream treatment;
- Electrical system upgrades;
- Final water quality improvements and THM reductions; and
- Energy consumption and efficiency improvements.

All of the water plant improvements are being constructed under one Design-Build project.

Wastewater

- Projected flows and loadings;
- Potential improvements at the headworks, anoxic, anaerobic and aeration basins, filters and effluent pump station;
- Evaluations of alternative disinfection methods to reduce disinfection byproducts in the effluent;
- Alternative sludge disposal options;
- Electrical system upgrades and efficiency improvements; and
- A complete upgrade of the plant's SCADA system.

Recommended projects are being implemented over time and Ardurra has provided design and construction services for several.

City of North Port Category Reference:

- Cat 1 - Treatment & Storage
- Cat 3 - Planning



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Water/Wastewater Planning and Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c.	a.	a.

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION (*City and State*)

Wastewater Treatment Plant Capacity Analysis Reports (CARs), Operation & Maintenance Performance Reports (OMPRs), and FDEP Domestic Wastewater Permit Renewal Applications for the City of Dunedin

22. YEAR COMPLETED

Professional Services	Construction (if applicable)
1998, 2004, 2009, 2014 & 2019	

23. a. PROJECT OWNER

City of Dunedin

b. POINT OF CONTACT

Doug Hutchens

c. CONTACT TELEPHONE NUMBER

727.298.3005

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: (*include scope, size, and cost*)

Ardurra was retained by the City of Dunedin to assist with the renewal of the Florida Department of Environmental Protection (FDEP) Domestic Wastewater Permit for the City's Advanced Wastewater Treatment Facility and city-wide reclaimed water system in 1998, 2004, 2009, 2014 and 2019. Ardurra's licensed Wastewater Operators inspected the plant's equipment and reviewed and evaluated Discharge Monitoring Reports, circular flow charts, ground water monitoring reports, quarterly sludge analyses, ambient monitoring data, and other miscellaneous data.

City of North Port Category Reference:

- Cat 1 - Treatment & Storage
- Cat 3 - Planning

Ardurra was also responsible for the preparation and submittal of the required FDEP forms; preparation of a Capacity Analysis Report and Operation & Maintenance Performance Report; site visits and evaluation of six (6) sludge disposal sites; response to FDEP's questions and other services necessary to obtain the permit renewal.

Ardurra has provided these same services to the cities of Tarpon Springs, Oldsmar and for the University of Florida.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME: a. Ardurra Group, Inc.	2. FIRM LOCATION: a. Tampa, FL	3. ROLE: PRIME a. Wastewater Engineering, Permitting
1. FIRM NAME: b.	2. FIRM LOCATION: a.	3. ROLE: SUBCONSULTANT a.
1. FIRM NAME: c.	2. FIRM LOCATION: a.	3. ROLE: PRIME a.

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
North Potable Water Booster Pump Station Improvements, Pinellas County, FL		Professional Services	Construction (if applicable)
		2014	2016
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
Pinellas County	Tom Menke, PE	727.453.3611	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: *(include scope, size, and cost)*

Pinellas County's 100 MGD North Booster Station receives potable water from a 60-inch regional transmission main and either stores it in five 5 MG tanks for re-pumping or boosts the pressure directly from the regional main. Water from the facility originally fed the northern part of the County's distribution system and also pushed water south to the County's Logan Booster Pump Station. Due to water quality issues, the County elected to modify the station and associated piping so that it only conveys water south.

Ardurra was selected to provide design and construction management services for the required modifications. Services also included an evaluation of the condition of the entire facility along with recommendations for additional improvements. The project ultimately included replacement of four (4) booster pumps with new 25 MGD, 500 HP each (total of 100 MGD) horizontal split case pumps, installation of 60-inch, 48-inch, 42-inch, and 36-inch ductile iron yard piping and valves, a new 24-inch influent flow meter assembly, rehabilitation of three valve pits, PLC and SCADA upgrades and instrumentation and electrical systems modifications. Piping modifications required extensive analyses of existing 48 and 60-inch prestressed concrete cylinder pipe (PCCP) to determine joint locations and restraint configuration in order to integrate the new piping and valves.

Connection of new 36 and 60-inch piping to existing transmission mains adjacent to US-19 right-of-way required that a new 60-inch butterfly valve be installed on the existing PCCP pipe at a depth of 9 feet on the edge of the pump station building footer. Installation of the valve would require not only deep excavation along the pump station building footer, but also shutting down the entire facility. In addition, the PCCP joint configuration was unknown, requiring that the existing location be excavated in order to determine the type of valve to be specified.

In order to reduce the construction contract time associated with exposing the pipe and then ordering the valve, and the potential Change Orders from unforeseen conditions, Ardurra recommended and worked with the County to issue a separate contract during the design phase to have a contractor install the required sheeting, excavate and confirm the pipe configuration. This allowed the valve to be ordered immediately upon Notice to Proceed, saving ± 3 months of construction contract time and the associated costs, and significantly reducing risk and the required plant downtime.

City of North Port Category Reference:

- Cat 1 - Treatment & Storage
- Cat 2 - Conveyance Systems
- Cat 3 - Planning
- Cat 5 - Geotechnical



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Water Engineering, Permitting, Construction Administration / Observation
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c.	a.	a.

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
Wet Weather Force Main, Pump Station and Monitoring, Largo, FL		Professional Services	Construction (if applicable)
		2013	2017
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
City of Largo	Chuck Mura, PE	727.587.6713	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: (include scope, size, and cost)

Ardurra was contracted as part of a 2-firm team to provide preliminary engineering, design, permitting and construction services for improvements to the City of Largo's sanitary sewer collection and pumping system with the objective of eliminating sanitary sewer overflows by bypassing the gravity sewer system during rain events and conveying flow from six major lift stations directly to the City's wastewater treatment plant. Ardurra's specific scope of services in the project included the following:

City of North Port Category Reference:

- Cat 2 - Conveyance Systems
- Cat 5 - Geotechnical

- Preliminary Engineering, including hydraulic modeling of force main alternatives, conceptual design, route evaluation, ecological and species investigations, easement and property reviews, topographic survey and jurisdictional wetland delineation. The storm surge elevations at various storm level events was investigated for each lift station site. In each case, minor adjustments to top slab elevations were made to achieve the desired protection, significant improvements to achieve higher-level storm event resiliency were determined to be cost prohibitive and undesirable aesthetically.
- Civil and mechanical design of four (of the seven total) submersible lift station upgrades, including a 580 gpm duplex, a 1,100 gpm duplex, a 1,400 gpm triplex, and a 1,100 gpm triplex. Conversion of two wet-pit/dry-pit stations to submersible.
- Design of ±7 miles of 12-inch to 20-inch force main (ductile iron, PVC, and fusible PVC). Due to the heavy congestion of utilities, roadway crossings, and waterbodies, much of the route was installed using trenchless methods. Two roadway crossings and one railroad crossing were installed by jack and bore in 24-inch to 30-inch steel casings. Six (6) horizontal directional drills of 14-inch to 30-inch fusible PVC, totaling approximately 12,400 LF, were constructed. The force mains cross 6 major County and FDOT roadways, the CSX Railroad, and two open waterways (John Taylor Lake and Cross Bayou Canal).
- Permitting of the pump stations and force mains, including right-of-way utility permits (from FDOT, Pinellas County, City of Largo, and City of Clearwater), CSX agreements, Environmental Resource Permits (from FDEP and USACOE), and FDEP wastewater permits.
- Integrity evaluations and diagnostic testing of ±3 miles of existing 16-and 20-inch force main using Pure Technologies SmartBall and ultrasonic bracelet probe methods.
- Constructed additional storm inlets and collection pipe – primarily 14"x23" ERCP – while the area was impacted by the force main construction.
- Provided construction management and inspections services with two full-time inspectors.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Water/Wastewater Engineering, Permitting, Construction Administration / Observation
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Driggers Engineering Services, Inc.	a. Clearwater, FL	a. Geotechnical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c. OMNI Communications, LLC	a. Tampa, FL	a. Subsurface Utility Engineering (SUE)

Example Projects Which Best Illustrate Proposed Team's Qualifications for this Contract

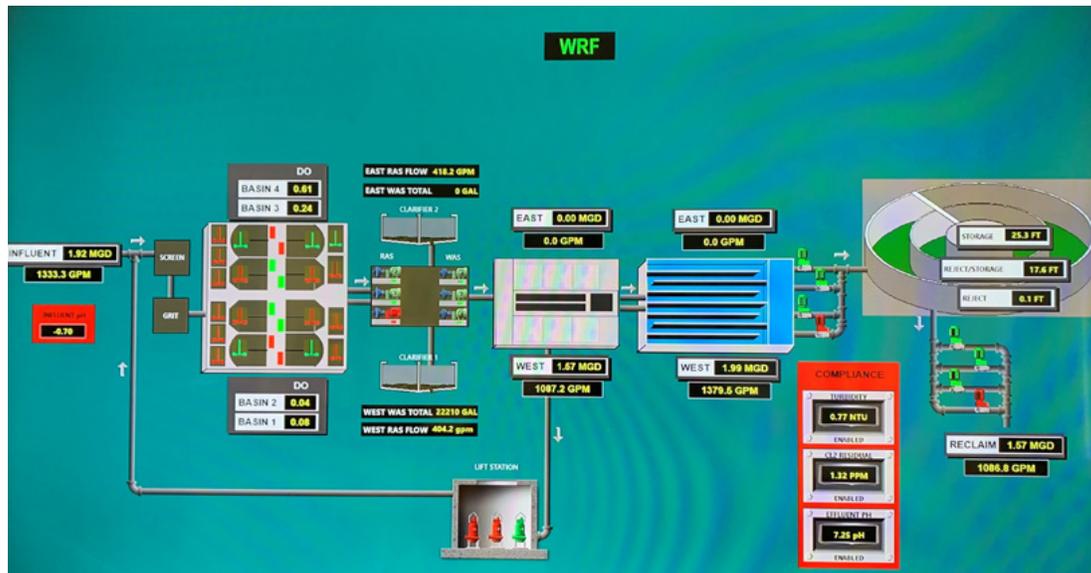
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
University of Florida Wastewater Treatment Facility SCADA System Improvements		Professional Services	Construction (if applicable)
		2019	2020
23. a. PROJECT OWNER	b. POINT OF CONTACT	c. CONTACT TELEPHONE NUMBER	
University of Florida	Jason Haeseler, PE	352.294.0609	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT: (include scope, size, and cost)

Ardurra provided design and will be providing construction management services, for SCADA Systems Improvement's at the University's wastewater treatment facility including the replacement of Programmable Logic Controllers, Operator Interface Terminals, Variable Frequency Drives, Local Control Panels, and other electrical / SCADA System Related components consistent with the 2017 SCADA Master Plan and to provide for improved process control and energy efficiency. This project is being completed via CMAR working with the University's Energy Services Company (Siemens).

City of North Port Category Reference:

- Cat 1 - Treatment & Storage
- Cat 4 - Electrical & Instrumentation/Controls



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
a. Ardurra Group, Inc.	a. Tampa, FL	a. Environmental Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: SUBCONSULTANT
b. Carastro & Associates, Inc.	a. Tampa, FL	a. Electrical Engineering
1. FIRM NAME:	2. FIRM LOCATION:	3. ROLE: PRIME
c.	a.	a.

SECTION G

Key Personnel Participation in Example Projects

28. EXAMPLE PROJECTS LISTED IN SECTION F

26. NAMES OF KEY PERSONNEL
(From Section E, Block 12)

27. ROLE IN THE CONTRACT
(From Section E, Block 13)

(Fill in "Example Projects Key" section below before completing table.
Place "X" under project key number for participation in same or similar role.)

		1	2	3	4	5	6	7	8	9	10
Chris Kuzler, PE	Principal In Charge	x	x	x	x	x	x	x	x	x	x
Chris Sharek, PE,BCEE,PMP,ENV,SP	Client Services Manager	x									
Loc P. Truong, PE	QA/QC	x	x		x			x	x		x
Ben Turnage, PE	Construction Management		x							x	
Orlando Serrano, Jr.	Construction Management		x	x	x					x	
Brenda Sangster	Construction Management										
Brooke McManus	Construction Management										
Tina Nixon, PE, BCEE,ENV, SP	Water/WW/Reclaimed Water/Biosolids										
Jeff Elick, PE	Water/WW/Reclaimed Water/Biosolids		x			x	x	x		x	
Tom Traina, PE	Water/WW/Reclaimed Water/Biosolids					x	x				
Dave Weber, PE	Water/WW/Reclaimed Water/Biosolids										
Zachary Tarifa, EI	Water/WW/Reclaimed Water/Biosolids	x									
Clark Lochmiller, RLA	Planning/Landscape Arch.										
Kaitlin Jeffords, EI,ENV,SP	GIS/Envision/Sustainability	x									
Dave Criser, PE,LEED AP,BD+C	Envision/Sustainability/LEED										
Matt Davis, PE	I&C / SCADA		x								x
Ricardo Maristany, PE	MOT										
Jeff Kistner, PSM	Surveying										
Joseph Greenburg	Hydraulic Modeling										
Pette Bottone, PWS, CERP	Ecological Services	x			x					x	
Brian Skidmore	Ecological Services										
Paul Carastro, PE	Electrical Engineering					x	x				x
Jaime Driggers, PE	Geotechnical Engineering	x		x	x	x	x		x	x	
Edward "Ned" Connolly, PSM	SUE	x		x	x	x			x		
Arlena Dominick	Public Relations										

29. EXAMPLE PROJECTS KEY

No.	Title of Example Project (From Section F)	No.	Title of Example Project (From Section F)
1	City of Venice Water Main Replacement Program	6	City of Dunedin WTP and AWRF Master Plan Study
2	City of Sarasota Water Reclamation Facility Headworks Improvement and Filter Replacement CMAR	7	Dunedin Wastewater Treatment Plant CARS, OMPRs, and FDEP Domestic Wastewater Permit Renewal Applications
3	Bahia Vista Street Water Main Replacement, Sarasota	8	Pinellas County North Potable Water Booster Pump Station Improvements
4	Clearwater Memorial Causeway Subaqueous Pipelines	9	City of Largo Wet Weather Force Main, Pump Station and Monitoring System
5	Punta Gorda Wastewater Treatment Plant (WWTP) Piping Replacement and Aeration System Evaluation	10	University of Florida Wastewater Treatment Facility SCADA System Improvements



TAB 5

MANAGEMENT APPROACH/PROJECT CONTROL



5

MANAGEMENT APPROACH / PROJECT CONTROL

UNDERSTANDING OF THE PROJECT

The very first step to any project for the City of North Port will be to meet with the Utilities Department Project Team and listen. Specifically, we need to listen and understand the City's goals for the project, schedule for the project, and budgetary constraints. These three pillars will then allow the Ardurra Team to develop a detailed scope of work – our understanding for the City to revise, clarify, and then authorize. Getting off to a good start with any project is key and a full understanding of the project's constraints enables the first step in the right direction.

With the project's goals identified, a draft Scope of Services, proposed fees and a critical path schedule will be developed through a cooperative effort with the City.

The team members listed in this proposal have already been selected based on their experience and availability and to allow responsibilities to be appropriately spread across different levels of seniority. This allows us to distribute responsibilities appropriately based on the required level of experience in order to optimize our fees. The draft Scope, fees and schedule will be submitted to the City for review and feedback. We will then meet with City staff and, through an iterative process, arrive at a final Scope of Services, budget and schedule.

Continuing Service Contracts can vary in scope, magnitude, timeframe, and budget. Some projects may have already been through a conceptual design or are permitted and ready for construction. The Ardurra Team is ready to support the City of North Port Utilities Department with supplemental staff and experts no matter in which phase a project may be in. However, typically the Ardurra team will move a project through development with three major steps illustrated here for example including details outlining tasks completed within.

Phase 1 – Preliminary Design Services

During this Phase, Ardurra will collect site specific design data in sufficient detail to establish the basis for the final design and bid documents, as outlined below.

- Review existing utility atlas maps, record drawing information, and applicable City ROW and property maps.
- Review and/or obtain ground and aerial survey data along the pipeline routes and identify locations of property and ROW lines.
- Review and/or obtain geotechnical data, especially at all potential horizontal directional drill locations, water body crossings, and possible jack and bore entry and exit pits.
- Perform ecological surveys, such as a Gopher Tortoise Burrow Survey or Preliminary Listed Species Assessment, to identify specific locations that may be affected by the project.

Depending on the location within plant sites or with public ROW, base plans will be submitted to each of the known private utilities within the project area. We anticipate these will include, but are not limited to Florida Power and Light, Frontier (formerly Verizon), TECO People's Gas, and Brighthouse (formerly Comcast). These utilities will be requested to accurately depict the location of their existing facilities within the public ROW.

The results of this data collection effort will be discussed in an abbreviated Preliminary Design Report (PDR) outlining these findings along with preliminary drawings showing the proposed improvements. Based on this information, Ardurra will also review and update the preliminary opinion of probable construction cost estimate for the project.

A draft PDR will be submitted to the City for review and the City's comments will be discussed at a review meeting. Based on the outcome of this meeting, the report will be revised and a Final PDR will be produced and submitted to the City. This report, including a conceptual design of the utility improvements, will represent essentially the 30% complete milestone.

Phase 2 – Design & Permitting Services

Upon receipt of the City's concurrence with the Final PDR, Ardurra will begin preparing a 60% design submittal. This phase will consist of more detailed development of construction drawings and specifications. Depending on the project, this may include recommendations for the locations of pipeline HDD entry and exit pits, temporary construction easement recommendations (if any), plan and profile sheets, City standard details, and process flow and instrumentation diagrams.

Typically, these Phase 2 design documents will include the following items.

- Cover sheet with location & vicinity map;
- Notes, Abbreviations, Plan Sheet Key Map
- Pipeline abandonment and shutdown plan
- Plan and profile sheets;
- Special crossings;
- Miscellaneous details;
- Preliminary maintenance of traffic plans;
- Erosion and sediment control measures; and,
- Technical specifications.

Other tasks to be conducted during this phase include:

- Finalizing design of pipe wall thickness (pressure class);
- Obtaining subsurface utility engineering (SUE) data, if necessary;
- Preparing sketch and legal descriptions for easements and/or property acquisition or other access agreements, if necessary;
- Attending pre-application meetings with permitting agencies; and,
- Updating the opinion of probable construction cost.

At this point in the design, final information from the various utilities regarding the location of their facilities should be available and will be incorporated onto the drawings. If required, Ardurra will conduct a utility coordination meeting with these utilities to verify the location of their facilities and resolve conflicts. Resolution of known conflicts will be documented to the City.

The Ardurra team will conduct an internal quality control project review prior to the City of North Port's review. Plans, specifications, geotechnical reports and design calculations will be submitted to the City for review and comment. We anticipate that a meeting will be arranged after the City's review to discuss comments and concerns. Agreed-upon changes suggested by the City will be incorporated into the final design and bid documents.

Based on the outcome of the 60% design review meeting, Ardurra will begin preparing the 90% design submittal. This phase will take the plans essentially to completion. The City's comments will be incorporated into the drawings and technical specifications. The front end documents will also be prepared, including the bid form and coordinated with the City of North Port's Purchasing Department for solicitation. During this phase permit application packages will be completed and submitted to the regulatory agencies.

After meeting with the City to discuss any final comments, the construction documents will be completed and submitted to the City for advertising and bidding. The final documents will include the following items:

- Signed and sealed copies of the project drawings;
- Signed and sealed copies of the project technical specifications;
- Reproducible original copies of the project drawings (on mylar) and the project technical specifications;
- A thumbdrive containing the project drawings and specifications in PDF format; and,
- A final Bid Form and Engineer's Estimate of Probable Construction Cost.

After the project has been advertised for bids, Ardurra will attend a pre-bid meeting if requested by the City. Ardurra will provide assistance during the bidding phase by responding to requests for information and issuing addenda, as necessary. Upon receipt and opening of bids, Ardurra will evaluate the bids, contact references, and make a recommendation of award to the City.

Phase 3 – Services During Construction (SDC) Services

Following contract approval, Ardurra will provide construction phase services. These services will include office and field services depending on the City's desired level of effort and can include:

- Attend a preconstruction conference;
- Conform the bid documents into construction documents by incorporating all addenda, agreements, insurance and other information;
- Review contractor submittals, including shop drawings, product data, samples, and other submittals required by the contract documents;
- Maintain master submittal and project files, with duplicates for the City;
- Furnish field observation services, including monitoring construction progress, attending progress meetings, and documenting field observations;
- Review/approve proposal requests, drawings and information, and change orders;
- Track installation quantities and review contractor's pay requests;
- Review and advise on contractor's progress schedule;
- Prepare, reproduce and distribute supplemental drawings, specifications and interpretations in response to requests for clarification;
- Observe and evaluate testing results and make recommendations to the City;
- Assist/coordinate with the City / contractor / manufacturer on the start-up, operation and maintenance of equipment;
- Assemble operation and maintenance data provided by the contractor and equipment suppliers.
- Prepare record drawings based on data provided by the contractor, including a signed and sealed paper copy, a mylar-reproducible copy, and electronic copies in AutoCad and .pdf formats;
- Consult with the City regarding warranty issues;
- Document noted deficiencies in the work;
- Conduct a final walkthrough and develop a final punch list;
- Observe that punch list items have been completed;
- Make recommendation of acceptance by the City; and,
- Provide complete turnover package of project documents in filing format provided by Capital Projects including all post-construction permit certifications.

Quality Control Process

Continuously planning ahead, monitoring and adapting as necessary through Ardurra's established QA/QC process is key to maintaining budget and schedule. This process includes:

1. Development of a tailored Project Management and Communications plan;
2. Peer review of the project through all phases of design of the water main;
3. Review of calculations, drawings, specifications and permitting requirements;
4. Operability / Maintainability review;
5. Constructability and Construction Cost Estimate review;
6. Review of all deliverables by the Principle in-Charge, QA/QC Officer and the Project Manager; and
7. Continuous monitoring of project needs and the Project Management Plan.

PROVEN PROJECT MANAGEMENT PROCESS TO MEET SCHEDULE & BUDGET

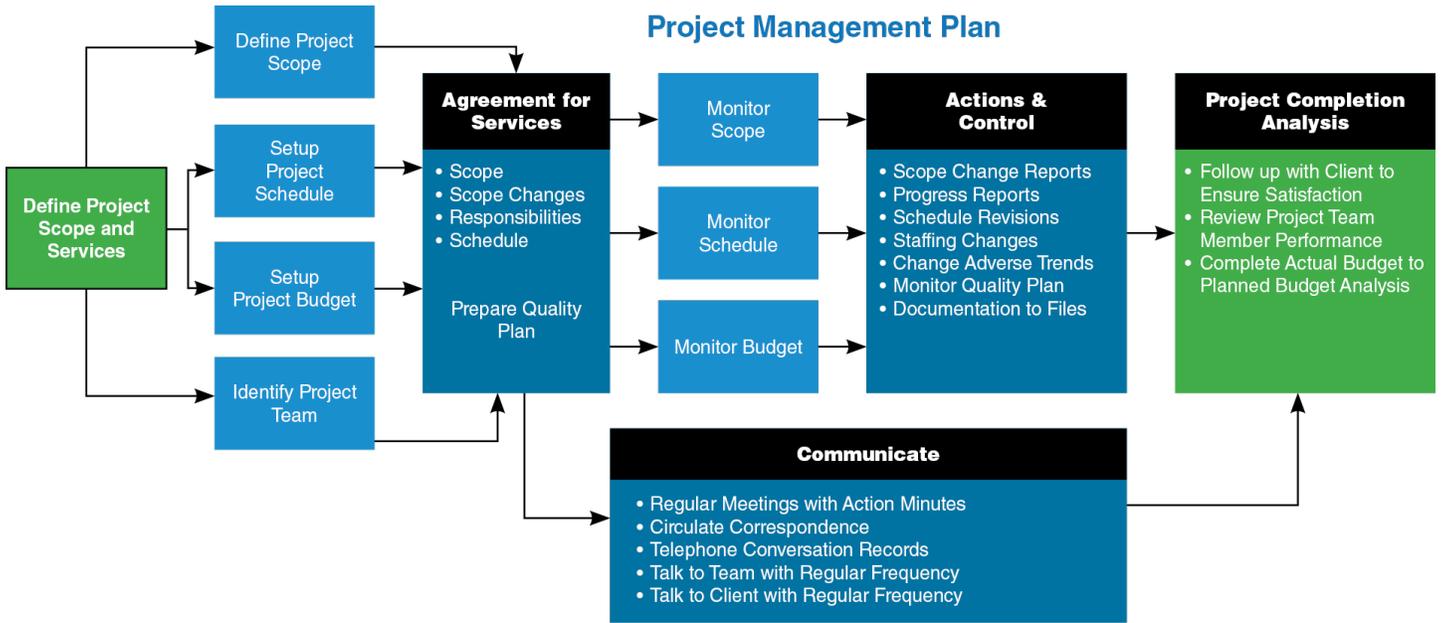
We have done this before! The services the City is seeking are identical to those we have been providing to neighboring communities for many years. Ardurra will implement a "tried and true" project management plan and project controls that have proven successful with similar sewer system expansion projects. This experience, combined with our systems, people, processes, and our commitment to the City will ensure your project's success. The Ardurra team is ready to hit the ground running, offering this project

- A more streamlined completion of design and permitting;
- More cost effective scopes and fees;
- More complete drawings and specifications;
- Better bid pricing due to less unknowns and;
- Less surprises during construction, and;

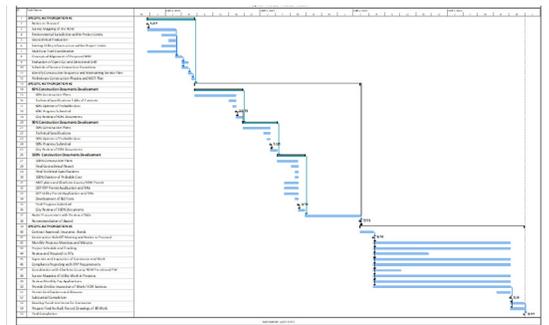
PROJECT CONTROLS THAT WILL KEEP YOUR PROJECT ON TRACK

Project Management Plan. Mr. Sharek will develop a project specific Project Management Plan (PMP) that will serve as the reference guide by Ardurra, all subconsultants, and the City for maintaining the schedule and budget. Our Project Management Plan has proven to be successful in ensuring that all Team members, including subconsultants and City personnel, are fully informed throughout the duration of the project. Key elements of the PMP include:

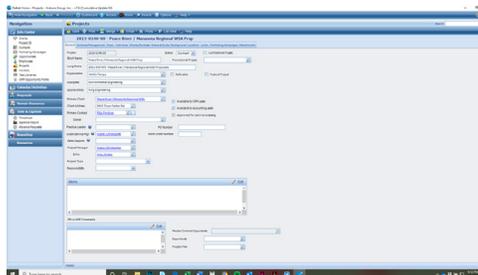
- Identification of project goals and success factors;
- Defining and refining the scope of services, schedule and budget;
- Identifying team members and assigning tasks appropriately based on the required level of experience;
- Establishing lines of communication; and
- Continually planning ahead, monitoring and adapting through Ardurra’s QA/QC process.



Continuous Schedule Monitoring. A critical path schedule will be developed for the City's projects and will be further refined to assist with planning the required tasks and assigning personnel. The schedule will be reviewed on a daily basis and updated as activities are completed (monthly at a minimum) to anticipate upcoming tasks and evaluate “who should be doing what” and when they should be doing it. Using CPM scheduling, rather than just bar chart schedules, provides the insight required to avoid having one task affect the overall project schedule.



Microsoft Project

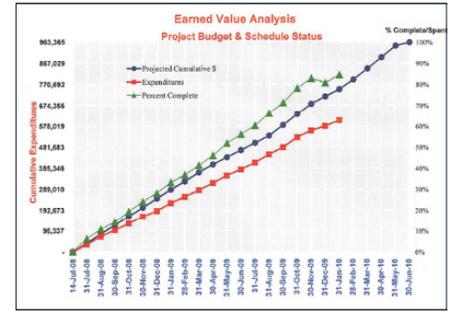


Deltek Project Management

Project Management Software.

The project’s fees and task start and end dates will be entered into our Deltek Vision Project Management software. This software provides real-time project cost data and produces reports that can be formatted as necessary to evaluate the project budget and schedule status. Hours and expenses can be sorted to produce a budgeted/utilized cost accounting for a specific task or for an entire project at any point in time.

Earned Value Analysis - In addition to regularly updating and distributing the Critical Path Schedule, Earned Value Analysis will be used to routinely assess the schedule and budget for each project. Actual expenditures and actual percent complete (Earned Value) are compared with a projection of how the project fees should be expended over time in order to determine if the project is ahead or behind schedule and below or under budget. This allows for corrections early in the process and avoids surprises. A copy of the current Earned Value Analysis can be provided to the City’s Project Manager with each monthly status report and invoice, if desired, to assist the City with assessing the project’s progress.



Earned Value Analysis



Meetings will be held with City Staff and local regulators to firmly establish the design approach and regulatory constraints.

Weekly and Monthly Project Review Meetings - At a fixed time each week, internal meetings are held by Ardurra team members to discuss pertinent developments, deadlines, and technical or administrative concerns. These meetings include subconsultants and the City at critical project stages. Ardurra will also hold monthly review meetings with the City’s Manager and staff to review the project’s status, upcoming efforts and potential items of concern. Project status and prior monthly meeting minutes and updated schedule tracking will be provided at the monthly meeting and with monthly invoicing. Meeting minutes will be distributed to the appropriate City staff, team members, including subconsultants.

Open and Constant Communication between team members and the City will be maintained to keep everyone apprised of projects’ status, to discuss project developments and approaching milestones and

to produce an environment of collaboration between the City and the design team. To facilitate this, a Communications Plan detailing means, and lines of communication will be developed as part of the Project Management Plan. In addition to typical phone calls and emails, we will be communicating with the City through workshops, monthly status meetings, teleconferencing, video conferencing, web based meetings and utilization of FTP or SharePoint sites. As part of these communications, Ardurra will maintain a Project Status/Tracking Report that will log critical events and milestone status. The report will be submitted monthly at a minimum or as requested by the City.



We return phone calls and respond to emails within 4 hours and have staff availability to meet with our Clients within 24 hours of request.

UTILIZING THE RIGHT PEOPLE FOR RIGHT JOB!

In addition to our proven success utilizing the project management plan and project controls listed above, effective, efficient handling of project tasks will be accomplished by assigning the right people to the job and leveraging our team members’ depth of similar experience and availability. Our team is a comprehensive team of qualified professionals with verifiable successful experience in performing identical services for other local Florida communities. In addition to their experience and availability, team members have been selected to allow responsibilities to be appropriately spread across different levels of seniority. **This allows us to distribute responsibilities appropriately based on the required level of experience and not have higher cost employees completing tasks that could easily be completed by staff with lower billing rates.**

During construction, our practice is to carry the design team members forward to provide construction management services, supported by our construction management and field staff. This maintains continuity, ensuring that the intent of the design is carried into construction, and provides team members with construction experience that can be applied on their next design project. **All of our team members have been involved during the construction phase of the similar projects listed on their resumes and will apply their “lessons learned” to your project.**



TAB 6

REFERENCES



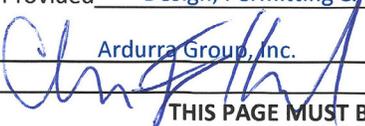
REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

REFERENCES/CLIENT LISTING

The firm shall provide a minimum of six (6) business related references for which they are currently providing or have provided within the last five (5) years, services similar to the scope of services required by this RFP. Of the six (6) references, please provide at least two (2) references for each of the following two disciplines: potable water treatment and wastewater treatment; and, provide at least one (1) reference for each of the following two disciplines: pipeline design and hydrogeology. If the firm has any indirect or direct potable reuse experience, please provide a reference. Attach additional sheets if necessary.

1. Business/Customer Name: City of Dunedin
- Name of Contact Person/Title: Doug Hutchens
- Telephone# 727.298.3005 Fax 727.298.3078 E-mail dhutchens@dunedinfl.net
- Address 542 Main Street, Dunedin, FL 34698
- Phone Number 727.298.3005 Discipline (circle): WTP; WWTF; pipeline hydrogeo, potable reuse
- Duration of Contract or business relationship 1998, 2004, 2009, 2014 & 2019
- Type of Services Provided Provide planning, route analyses, hydraulic modeling, design, permitting and construction management services on various projects.
2. Business/Customer Name: University of Florida
- Name of Contact Person/Title: Jennifer Meisenhelder
- Telephone# 352.294.0622 Fax _____ E-mail jmeisenhelder@ufl.edu
- Address 3280 Radio Road, Gainesville, FL 32611
- Phone Number 352.294.0622 Discipline (circle): WTP; WWTF; pipeline hydrogeo, potable reuse
- Duration of Contract or business relationship 2015 - Ongoing
- Type of Services Provided Calibrating models, analysis of numerous modeling scenarios, determining the need for water main replacements
3. Business/Customer Name: City of Sarasota
- Name of Contact Person/Title: Verne Hall
- Telephone# 941.955.2325 Fax _____ E-mail verne.hall@sarasotafl.gov
- Address 1565 1st Street, Sarasota, FL 34236
- Phone Number 941.955.2325 Discipline (circle): WTP; WWTF; pipeline hydrogeo, potable reuse
- Duration of Contract or business relationship 2015 - 2019
- Type of Services Provided Design, Permitting & Construction Certification for WWTP Filter Upgrade Project

COMPANY NAME: Ardurra Group, Inc.

SIGNATURE: 

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

4. Business/Customer Name: City of Venice
Name of Contact Person/Title: Javier Vargas, PE - Utilities Director
Telephone# 941.486.2626 Fax 941.480.3031 E-mail jvargas@venicegov.com
Address 401 West Venice Avenue, Venice, FL 34285
Phone Number 941.882.7309 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship Ph.1: 2015 / Ph.3: 2016 / Ph.5: 2019 / Ph.6: 2020
Design, permitting and construction management services for four (4)
Type of Services Provided phases of this eight (8) phase Program.

5. Business/Customer Name: City Safety Harbor
Name of Contact Person/Title: Michelle Giuliani
Telephone# 727.724.1555 Fax _____ E-mail mgiuliani@cityofsafetyharbor.com
Address 750 Main Street, Safety Harbor, FL 34695
Phone Number 727.724.1555 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship Green Springs: 2018 / South Green Springs: 2016
Design, permitting and bidding for replacement water mains and service connections
Type of Services Provided to existing meters in existing heavily treed and landscaped residential neighborhoods.

6. Business/Customer Name: Florida Governmental Utility Authority - FGUA
Name of Contact Person/Title: Robert Dickson
Telephone# 407.629.6900 Fax 407.629.6963 E-mail RDickson@govmserv.com
Address 280 Wekiva Springs Road, Suite 2070, Longwood, FL 32779
Phone Number 407.629.6900 Discipline (circle) WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 2010
Professional engineering services including surveying and data collection, hydraulic modeling,
Type of Services Provided alternatives analysis, preliminary engineering, design, permitting and construction phase services.

COMPANY NAME: Ardurra Group, Inc.
SIGNATURE: 

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL



TAB 7

LITIGATION & INSURANCE



7

LITIGATION & INSURANCE

LITIGATION

Ardurra Group, Inc., along with firm officers and directors, have no ongoing criminal or civil litigation, investigations, arbitration or administrative proceedings that would affect the successful delivery of this project. None of these claims will affect delivery of services under this contract.

The following is list of current claims along with their status.

- 4/9/2019, Courtois, Trip & Fall - Multi-party, Litigation - Jacksonville, FL
- 7/2/2019, Woods of Ortega, Floor Plate, Settling Claim/Multi-party, 558 Notice - Jacksonville, FL
- 10/3/2019, Deerfoot Point Condominium Association, 558 Notice - Jacksonville, FL

INSURANCE



ARDURRA-01

KGODWIN

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/5/2020

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 Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME: PHONE (A/C, No, Ext): (703) 827-2277	FAX (A/C, No): (703) 827-2279	
	E-MAIL ADDRESS: admin@amesgough.com		
INSURED Ardurra Group, Inc. 4921 Memorial Hwy Ste 300 Tampa, FL 33634	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Valley Forge Insurance Company A(XV)		20508
	INSURER B : National Fire Insurance Company of Hartford A(XV)		20478
	INSURER C : Continental Insurance Company A(XV)		35289
	INSURER D : Berkshire Hathaway Specialty Insurance Company 22276		
	INSURER E :		
INSURER F :			

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		6075640222	1/1/2020	1/1/2021	EACH OCCURRENCE \$ 1,000,000
						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
						MED EXP (Any one person) \$ 15,000
						PERSONAL & ADV INJURY \$ 1,000,000
						GENERAL AGGREGATE \$ 2,000,000
						PRODUCTS - COMP/OP AGG \$ 2,000,000
						\$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" 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		6075640236	1/1/2020	1/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
						BODILY INJURY (Per person) \$
						BODILY INJURY (Per accident) \$
						PROPERTY DAMAGE (Per accident) \$
						\$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		6075640270	1/1/2020	1/1/2021	EACH OCCURRENCE \$ 15,000,000
						AGGREGATE \$ 15,000,000
						\$
C	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 <input checked="" type="checkbox"/> N <input type="checkbox"/> N/A	6075640267	1/1/2020	1/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
						E.L. EACH ACCIDENT \$ 1,000,000
						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional Liab.		47-EPP-306878-02	1/1/2020	1/1/2021	Per Claim/Aggregate 5,000,000

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

CERTIFICATE HOLDER EVIDENCE OF COVERAGE	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 

ACORD 25 (2016/03)

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TAB 8

ADDITIONAL INFORMATION

SF330 Section H & I



WHY SELECT THE ARDURRA TEAM?

THE CITY'S UTILITY CONTINUING SERVICES CONTRACT IS EXACTLY THE TYPE OF PROJECT THE ARDURRA TEAM HAS DELIVERED TO CLIENTS FOR OVER A DECADE IN SOUTHWEST FLORIDA. WE KNOW UTILITIES!

We are confident the City of North Port will benefit from the vast experience of our project team. As detailed in this proposal, we have significant experience in utilities design and construction oversight, including:

- *Pipelines Crossing interstates, Highways, and FDOT limited access ROW*
- *Pipeline Design within Congested Utility Corridors and limited ROW widths*
- *Design of Treatment Plant Improvements*
- *Electrical, Instrumentation and Control Upgrades*
- *Trenchless Technology, Alternative Delivery and various Construction Methodologies*

Our proposed Client Services Manager, Chris Sharek, PE, has served clients as a consultant as well as being the client in the public sector for over 20 years in Southwest Florida. He understands both the utility design and project management required to lead any project for the City because he has done it successfully – on time and on budget. Principal-in-Charge Chris Kuzler, PE, has successfully delivered multi-million-dollar projects for cities, counties, and water supply authorities in Southwest Florida for over 30 years. Coupled with our technical experts the leadership of our team constitutes over 115 years of utility design experience!

We look forward to providing the City of North Port the same effective, personal service we have provided our clients through the years. Workload projections for our team indicate that we can start immediately and that we have the sustained capacity of resources through the life of the contracts.

In this proposal, we have demonstrated to the City that the Ardurra Team can and will:

- *DELIVER the services outlined in the RFP efficiently and effectively;*
- *MEETING all milestones established in subsequent work assignments*
- *WITHIN the proposed budget, as demonstrated with other project successes*

We anticipate the favorable consideration of the selection committee and look forward to working with the City of North Port's Utilities team!

Additional Information

30. Provide any additional information requested by the contracting authority. Use the next page or attach additional sheets as needed.

The Quality of Our Work
and Service
is Rated Superior by
Our Clients!



City of Safety Harbor, Florida
HOME OF ESPIRITU SANTO MINERAL SPRINGS
750 Main Street # Safety Harbor, Florida 34695
(727) 794-1555 # FAX 794-1566
www.cityofsafetyharbor.com

June 11, 2020

To Whom It May Concern,

The Ardurra Group has been one of the City of Safety Harbor's utility Consulting Engineers since 2015. Over the years, Ardurra Group has successfully completed numerous water distribution system replacement projects as well as force main replacements and sewer system replacements. Ardurra Group is always responsive and works diligently to meet City needs. Ardurra Group continues to be one of our leading and dedicated consulting firms.

If you have any questions, please call.

Sincerely,
Michelle C. Ciuliani, EI
Director of Engineering
727.724.1555, Ext. 1706 (Office)
727.631.1386, Cell
E-mail: mciuliani@cityofsafetyharbor.com



CITY OF VENICE
UTILITIES DEPARTMENT - Administration
200 North Warfield Avenue, Venice, Florida 34285
(941) 480-3333 Fax (941) 486-2084
www.venicegov.com

June 11, 2020

To Whom It May Concern:

The Ardurra Group has been one of the City of Venice's utilities consulting engineers since 2010. Over the years, they have successfully completed numerous water distribution system replacement projects as well as force main replacements and reclaimed water system extensions. Mr. Kuzler's team consistently displays great analytical and critical thinking, communication skills, attention to detail, professionalism, enthusiasm and commitment. They have always been responsive and consistently work diligently to meet the City's needs and continue to be one of our leading and dedicated consulting firms.

Please let us know if you have any questions.

Sincerely,



Javier A. Vargas, MPA, Utilities Director
City of Venice
200 North Warfield Avenue
Venice, FL 34285
(941) 882-7309



City of Tarpon Springs, Florida
Project Administration Department
324 East Pine Street
Tarpon Springs FL 34689
(727) 942-5638
<https://www.ctsfl.us/projectadmin.htm>

June 15, 2020

Subject: Reference Letter for The Ardurra Group

To Whom It May Concern:

The Ardurra Group served as the lead engineer for the City of Tarpon Springs' Westwinds/Grassy Pointe Reclaimed Water Distribution Systems project, which included reclaimed water systems in two existing neighborhoods and an 8-inch transmission main along Pinellas Avenue, an FDOT roadway. The project was completed within schedule and budget, with no complications or Change Orders, which was greatly appreciated given the project's SWFWMD grant. Ardurra served the City well and continues to do so on other assignments under their Utilities Engineering contract with the City.

Please feel free to contact me if you need any further information or have any questions.

Sincerely,



Nick Makris, PMP
Project Administration Supervisor



June 11, 2020

To Whom It May Concern:

The Ardurra Group (Wing Engineering at the time) provided design and construction services for the County's new 30 MGD Logan Potable Water Booster Pump Station, which was completed in 2018. The project, which was originally designed by another consultant, had a very tight budget, and Ardurra was able to streamline the designs intent of the original project plus additional amenities.

I would like to acknowledge Ardurra for their hard work and dedication, which led to the successful completion of this project.

Sincerely,



Tom Menke, P.E.
Vertical Engineering Section Manager
Pinellas County Utilities Department, Engineering Division

Digitally signed by Tom Menke
Date: 2020.06.11 13:20:36 -0400

14 South Fort Harrison Avenue
Clearwater, FL 33756
Phone (727) 464-4000
Fax (727) 464-4000
V/TDD (727) 464-4000
www.pinellascounty.org

I. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

31. Signature



32. Date

July 17, 2020

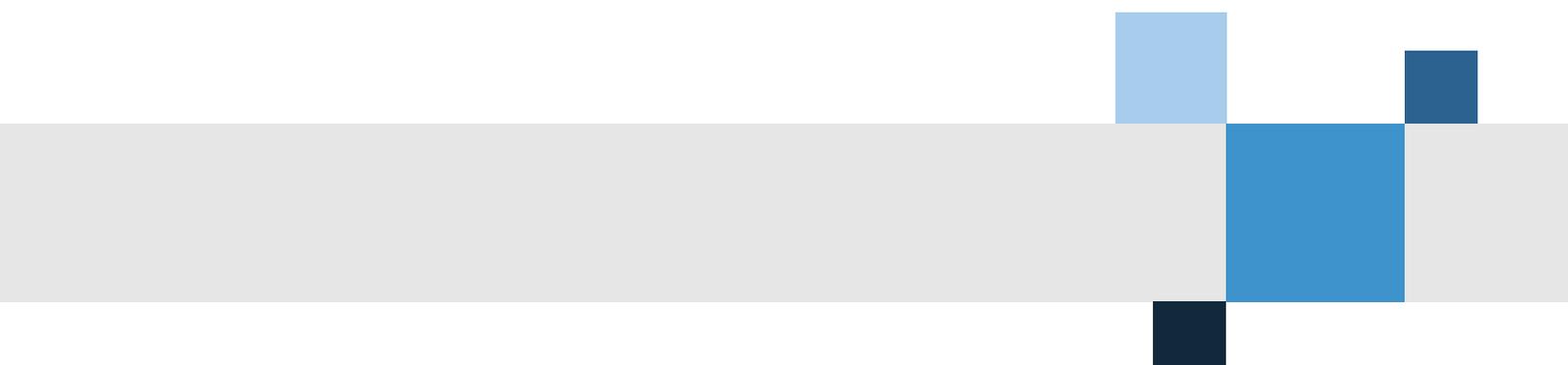
33. Name and Title

Christopher F. Kuzler, PE - Director



TAB 9

SUBMISSION REQUIREMENTS & REQUIRED FORMS



REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

33. Name and Title. Self-explanatory.

TAB 9 – SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS: This checklist is provided to assist each Proposer in the preparation of their response. Included in this checklist are important requirements, which is the responsibility of each Proposer to submit with their response in order to make their response fully compliant. This checklist is a guideline which is to be executed and submitted with the required forms. It is the responsibility of each Proposer to read and comply with the solicitation in its entirety.

A. SUBMITTAL REQUIREMENTS

1. **NUMBER OF PAGES:** The proposal **shall not exceed (38) pages (one-sided) or (19) pages (two-sided) in length. (The Title Page, Table of Contents, City Required Forms, 330 Forms and tabs do not count towards the TOTAL NUMBER OF PAGES).**
 - 1.1 When compiling a response, sections should be tabbed and labeled; pages should be sequentially numbered at the bottom of the page; proposals should be bound to allow flat stacking for easy storage; **do not use three ring binders of any kind**; and sections should be compiled in the sequence list above.
 - 1.2 Place proposal with all the required items in a sealed envelope clearly marked for specification number, project name, name of proposer, and due date and time.
2. **PAPER/FONT SIZE:** 8.5"x11"/Font Calibri 11, PDF FORMAT.
3. **NUMBER OF ORIGINAL PROPOSALS:** One (1) original hard-copy **UNBOUND** (marked "ORIGINAL") and signed in **blue ink**. **NUMBER OF COPIES:** five (5) hard copies **BOUND** (marked "COPY") (1 original + 5 copies = 6 total submittals).
4. **USB Flash Drive:** One (1) electronic version in Portable Document Format (PDF) **on** a USB Drive containing the entire submittal. USB drive only. **CDs will not be accepted.**

B. REQUIRED SUBMITTAL FORMS: City Required Submittal Forms/Checklist

READ/EXECUTED & INCLUDED

- Proposal Submittal Signature Form
- Statement of Organization
- References
- Drug-Free Workplace (If Applicable)
- Public Entity Crime Information
- Non-Collusive Affidavit

**REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT**

- Lobbying Certification
- Conflict of Interest Form
- Disclosure Form (Consultant/Engineer/Architect)
- Scrutinized Business Certification Form

State Registration Requirements (<http://www.sunbiz.org/search.html>)

- Copy of Registration, Attached

- State required license for Prime Firm Only (Not sub-consultants)

- SAMPLE INSURANCE CERTIFICATE:** Demonstrate your firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the Insurance Companies names for both Professional Liability and General Liability and the dollar amounts of the coverage.

- YES NO Sample Insurance Certificate is included with the submittal

- MBE/WBE/VBE:** If claiming Minority Business Enterprise/Women Business Enterprise/Veterans Business Enterprise, the Prime Firm (not sub-consultant) **shall be** certified as a Minority Business Enterprise by the State of Florida, Department of Management Services, Office of Supplier Diversity pursuant to Section 287.0943, Florida Statutes.

- YES, CLAIMING MBE/WBE/VBE STATUS AS PRIME ONLY

- YES, I'VE ATTACHED THE CERTIFICATE OF MBE/WBE/VBE STATUS FROM THE STATE OF FLORIDA AS OUTLINED SECTION 12.

- NOT CLAIMING MBE/WBE/VBE

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH YOUR PROPOSAL

PROPOSAL SUBMITTAL SIGNATURE FORM

The undersigned attests to his/her authority to submit this proposal and to bind the firm herein named to perform as per Agreement, if the firm is awarded the Agreement by the City.

The undersigned further certifies that he/she has read the Request for Proposal, Terms and Conditions, Insurance Requirements and any other documentation relating to this request and this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

As addenda are considered binding as if contained in the original specifications, it is critical that the firm acknowledge receipt of same. The submittal may be considered void if receipt of an addendum is not acknowledged.

Addendum No. 1 Dated 7/2/2020 Addendum No. _____ Dated _____
Addendum No. 2 Dated 7/10/2020 Addendum No. _____ Dated _____
Addendum No. 3 Dated 7/15/2020 Addendum No. _____ Dated _____

Company Name Ardurra Group, Inc.

813.880.8881 ckuzler@ardurra.com 813.880.8882
Telephone # E-Mail Fax #

4921 Memorial Highway Suite 300
Main Office Address

Tampa FL 33634
City State Zip Code

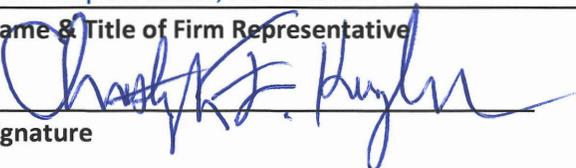
Address of Office Servicing City of North Port, if different than above: SAME AS ABOVE

2930 University Parkway
Office Address

Sarasota FL 34243
City State Zip Code

941.351.9856 csharek@ardurra.com 941.358.6540
Telephone # E-mail Fax #

Christopher Kuzler, PE - Director
Name & Title of Firm Representative

 7/17/2020
Signature Date

Do you accept Visa? YES NO

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

STATEMENT OF ORGANIZATION
(Information Sheet for Transactions and Conveyances Corporation Identification)

The following information will be provided to the City of North Port for incorporation in legal documents. It is, therefore, vital all information is accurate and complete. Please be certain all spelling, and capitalization is exactly as registered with the state or federal government.

Name of Respondent: Ardurra Group, Inc.

DBA (if any): N/A

Type of Entity (Sole Proprietor, Corporation, LLC, LLP, Partnership, etc): Corporation

Business Address: 4921 Memorial Highway, Suite 300, Tampa, FL 33634

Phone: 813.880.8881 Fax: 813.880.8882

E-Mail ckuzler@ardurra.com

Print Name and Title of person authorized to bind: Christopher Kuzler, PE - Director

Federal Identification Number: 59-1782900

Signature: 

Respondent shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law.

(Please Check One)

Is this a Florida Corporation: Yes or No

If not a Florida Corporation,

In what state was it created: _____

Name as spelled in that State: _____

What kind of corporation is it: "For Profit" or "Not for Profit"

Is it in good standing: Yes or No

Authorized to transact business in Florida: Yes or No

State of Florida Department of State Certificate of Authority Document No.: 555540

Does it use a registered fictitious name: Yes or No

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

Names of Officers:

President: Ernesto Aguilar **Secretary:** Christopher Lee
Lisa Penna, Ashley Chang,
Vice President: Richard Cloutier, Jeffrey Stouten **Treasurer:** Catherine Cahill
Director: Christopher Kuzler, Anthony Brindisi **Director:** James Bishop, Rob Costello
Other: Michael Moss, Alexandra Smith **Other:** Clark Lohmiller

Name of Corporation (As used in Florida):

Ardurra Group, Inc.

(Spelled exactly as it is registered with the state or federal government)

Corporate Address:

Post Office Box: N/A
City, State Zip: _____
Street Address: 4921 Memorial Highway, Suite 300
City, State, Zip: Tampa, FL 33634

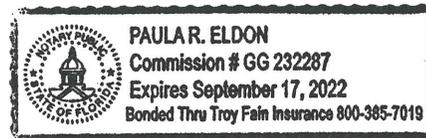
STATE OF FLORIDA

COUNTY OF Hillsborough

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 17th day of July, 2020, by Christopher Kuzler, PE - Director.

Paula R. Eldon
Notary Public - State of Florida

X Personally Known OR ___ Produced Identification
Type of Identification Produced N/A



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REFERENCES/CLIENT LISTING

The firm shall provide a minimum of six (6) business related references for which they are currently providing or have provided within the last five (5) years, services similar to the scope of services required by this RFP. Of the six (6) references, please provide at least two (2) references for each of the following two disciplines: potable water treatment and wastewater treatment; and, provide at least one (1) reference for each of the following two disciplines: pipeline design and hydrogeology. If the firm has any indirect or direct potable reuse experience, please provide a reference. Attach additional sheets if necessary.

1. Business/Customer Name: City of Dunedin

Name of Contact Person/Title: Doug Hutchens

Telephone# 727.298.3005 Fax 727.298.3078 E-mail dhutchens@dunedinfl.net

Address 542 Main Street, Dunedin, FL 34698

Phone Number 727.298.3005 Discipline (circle): WTP; WWTF; pipeline hydrogeo, potable reuse

Duration of Contract or business relationship 1998, 2004, 2009, 2014 & 2019
Provide planning, route analyses, hydraulic modeling, design, permitting and
Type of Services Provided construction management services on various projects.

2. Business/Customer Name: University of Florida

Name of Contact Person/Title: Jennifer Meisenhelder

Telephone# 352.294.0622 Fax _____ E-mail jmeisenhelder@ufl.edu

Address 3280 Radio Road, Gainesville, FL 32611

Phone Number 352.294.0622 Discipline (circle): WTP; WWTF; pipeline hydrogeo, potable reuse

Duration of Contract or business relationship 2015 - Ongoing
Calibrating models, analysis of numerous modeling scenarios, determining
Type of Services Provided the need for water main replacements

3. Business/Customer Name: City of Sarasota

Name of Contact Person/Title: Verne Hall

Telephone# 941.955.2325 Fax _____ E-mail verne.hall@sarasotafl.gov

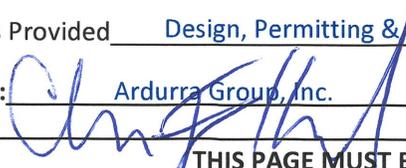
Address 1565 1st Street, Sarasota, FL 34236

Phone Number 941.955.2325 Discipline (circle): WTP; WWTF; pipeline hydrogeo, potable reuse

Duration of Contract or business relationship 2015 - 2019

Type of Services Provided Design, Permitting & Construction Certification for WWTP Filter Upgrade Project

COMPANY NAME: Ardurra Group, Inc.

SIGNATURE: 

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CITY OF NORTH PORT UTILITIES DEPARTMENT

4. Business/Customer Name: City of Venice
Name of Contact Person/Title: Javier Vargas, PE - Utilities Director
Telephone# 941.486.2626 Fax 941.480.3031 E-mail jvargas@venicegov.com
Address 401 West Venice Avenue, Venice, FL 34285
Phone Number 941.882.7309 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship Ph.1: 2015 / Ph.3: 2016 / Ph.5: 2019 / Ph.6: 2020
Design, permitting and construction management services for four (4)
Type of Services Provided phases of this eight (8) phase Program.

5. Business/Customer Name: City Safety Harbor
Name of Contact Person/Title: Michelle Giuliani
Telephone# 727.724.1555 Fax _____ E-mail mgiliani@cityofsafetyharbor.com
Address 750 Main Street, Safety Harbor, FL 34695
Phone Number 727.724.1555 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship Green Springs: 2018 / South Green Springs: 2016
Design, permitting and bidding for replacement water mains and service connections
Type of Services Provided to existing meters in existing heavily treed and landscaped residential neighborhoods.

6. Business/Customer Name: Florida Governmental Utility Authority - FGUA
Name of Contact Person/Title: Robert Dickson
Telephone# 407.629.6900 Fax 407.629.6963 E-mail RDickson@govmserv.com
Address 280 Wekiva Springs Road, Suite 2070, Longwood, FL 32779
Phone Number 407.629.6900 Discipline (circle) WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 2010
Professional engineering services including surveying and data collection, hydraulic modeling,
Type of Services Provided alternatives analysis, preliminary engineering, design, permitting and construction phase services.

COMPANY NAME: Ardurra Group, Inc.
SIGNATURE: 

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DRUG FREE WORKPLACE FORM

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that
Ardurra Group, Inc. does:
(Company Name)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

Check one:

- As the person authorized to sign this statement, I certify that this firm complies fully with above requirements.
- As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.

Offeror's Signature 
Christopher Kuzler, PE - Director

7/17/2020

Date

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PUBLIC ENTITY CRIME INFORMATION

As provided by F.S. §287.133, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, Supplier, Subcontractor, or Consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

I, Christopher Kuzler, PE, being an authorized representative of the Respondent, Ardurra Group, Inc., located at 4921 Memorial Highway, Suite 300

City: Tampa State: FL Zip Code: 33634, have read and understand

the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

Signature:  Date: 7/17/2020

Telephone #: 813.880.8881 Fax #: 813.880.8882

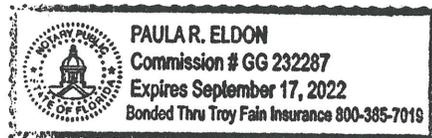
Federal ID #: 59-1782900

STATE OF FLORIDA
COUNTY OF Hillsborough

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 17th day of July, 2020, by Christopher Kuzler, PE - Director


Notary Public - State of Florida

X Personally Known OR ___ Produced Identification
Type of Identification Produced N/A



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NON-COLLUSIVE AFFIDAVIT

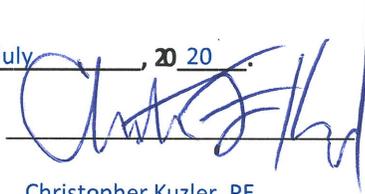
Before me, the undersigned authority, personally appeared:

Christopher Kuzler, PE who, being first duly sworn, deposes and says that:

1. He/She is the Director (Owner, Partner, Officer, Representative or Agent) of Ardurra Group, Inc., the Respondent that has submitted the attached reply;
2. He/She is fully informed respecting the preparation and contents of the attached reply and of all pertinent circumstances respecting such reply;
3. Such reply is genuine and is not a collusive or sham reply;
4. Neither the said Respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other respondent, firm, or person to submit a collusive or sham reply in connection with the work for which the attached reply has been submitted; or have in any manner, directly or indirectly sought by agreement or collusion, or communication or conference with any respondent, firm, or person to fix the price or prices in the attached reply or of any other respondent, or to fix any overhead, profit, or cost elements of the reply price or the reply price of any other respondent, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the reply work.

Signed, sealed and delivered this 17th day of July, 2020.

By:



Christopher Kuzler, PE

(Printed Name)

Director

(Title)

STATE OF FLORIDA

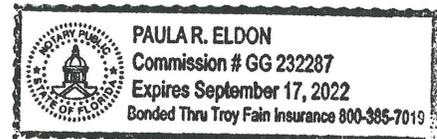
COUNTY OF Hillsborough

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 17th day of July, 2020, by Christopher Kuzler, PE - Director.



Notary Public - State of Florida

Personally Known OR Produced Identification
Type of Identification Produced N/A



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REQUEST FOR PROPOSAL NO. 2020-58
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CITY OF NORTH PORT UTILITIES DEPARTMENT

LOBBYING CERTIFICATION

"The undersigned hereby certifies, to the best of his or her knowledge and belief, that":

STATE OF FL

COUNTY OF Hillsborough

This 17 day July of ~~2017~~ 2020

Christopher Kuzler, PE - Director, being first duly sworn, deposes and says that he or she is the authorized representative of Ardurra Group, Inc. (Name of the contractor, firm or individual), and that the vendor and any of its agents agree to have no contact or communication with, or discuss any matter related in any way to any active City of North Port solicitation, with any City of North Port elected officials, officers, their appointees or their agents or any other staff or outside individuals working with the city in respect to this request other than the designated Procurement Official Contact and to abide by the restrictions outlined in the General Terms and Conditions of the Solicitation. Technical questions directed to the project manager, is prohibited. These persons shall not be lobbied, either individually or collectively, regarding any questions for bid, proposal, qualification and/or any other solicitations released by the city. To do so is grounds for immediate disqualification from the selection process. The selection process is not considered final until such a time as the Commission has made a final and conclusive determination.

(a) No City appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of the City, City Commission in connection with the awarding of any City Contract.

(b) If any funds other than City appropriated funds have been paid or will be paid to any person for influencing or attempting to influence a member of City Commission or an officer or employee of the City in connection with this contract, the undersigned shall complete and submit Standard Form-L "Disclosure Form to Report Lobbying", in accordance with its instructions.

Signed, sealed and delivered this 17th day of July, 2020.

By:



Christopher Kuzler, PE
(Printed Name)
Director

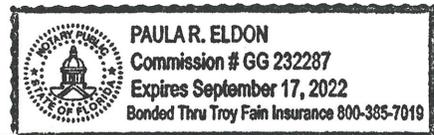
STATE OF FLORIDA

COUNTY OF Hillsborough

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 17th day of July, 2020, by Christopher Kuzler, PE - Director.


Notary Public - State of Florida

Personally Known OR Produced Identification
Type of Identification Produced N/A



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CONFLICT OF INTEREST FORM

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

PART I.

- I am an employee, public officer or advisory board member of the City
_____ (List Position Or Board)
- I am the spouse or child of an employee, public officer or advisory board member of the City
Name: _____
- An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.
Name: _____
- Respondent employs or contracts with an employee, public officer or advisory board member of the City
Name: _____
- None Of The Above

PART II:

Are you going to request an advisory board member waiver?

- I will request an advisory board member waiver under §112.313(12)
- I will NOT request an advisory board member waiver under §112.313(12)
- N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any vendors whose conflicts are not waived or exempt.

COMPANY: Ardurra Group Inc

SIGNATURE: 

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DISCLOSURE FORM
FOR
CONSULTANT/ENGINEER/ARCHITECT

Please select (only) one of the following three options:

Our firm has no actual, potential, or reasonably perceived, **financial*** or **other interest**** in the outcome of the project.

Our firm has a potential or reasonably perceived **financial*** or **other interest**** in the outcome of the project as described here: _____.

Our firm proposes to mitigate the potential or perceived conflict according to the following plan:
_____.

Our firm has an actual **financial*** or **other interest**** in the outcome of the project as described here:
_____.

***What does "financial interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. An example would be ownership in physical assets affected by the government business choices related to this project. The possibility of contracting for further consulting services is not included in this definition and is not prohibited.

****What does "other interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to have political, legal or any other interests that will affect what goes into your firm's findings and recommendations, or will be/may be perceived to be affected by the government business choices related to this project, this must be listed as another interest.

BUSINESS NAME: Ardurra Group, Inc.

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): Christopher Kuzler, PE - Director

SIGNATURE:  DATE: 7/17/2020

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CITY OF NORTH PORT UTILITIES DEPARTMENT

Scrutinized Company Certification Form

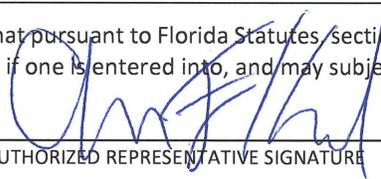
Company Name: <u>Ardurra Group, Inc.</u>			
Authorized Representative Name and Title: <u>Christopher Kuzler, PE - Director</u>			
Address: <u>4921 Memorial Highway, Suite 300</u>	City: <u>Tampa</u>	State: <u>FL</u>	ZIP: <u>33634</u>
Phone Number: <u>813.880.8881</u>	Email Address: <u>ckuzler@ardurra.com</u>		

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with the City of North Port for goods or services of any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Florida Statutes, section 215.4725, or is engaged in a boycott of Israel.

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with the City of North Port for goods or services of \$1 million or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Florida Statutes, section 215.473, or with companies engaged in business operations in Cuba or Syria.

CHOOSE ONE OF THE FOLLOWING

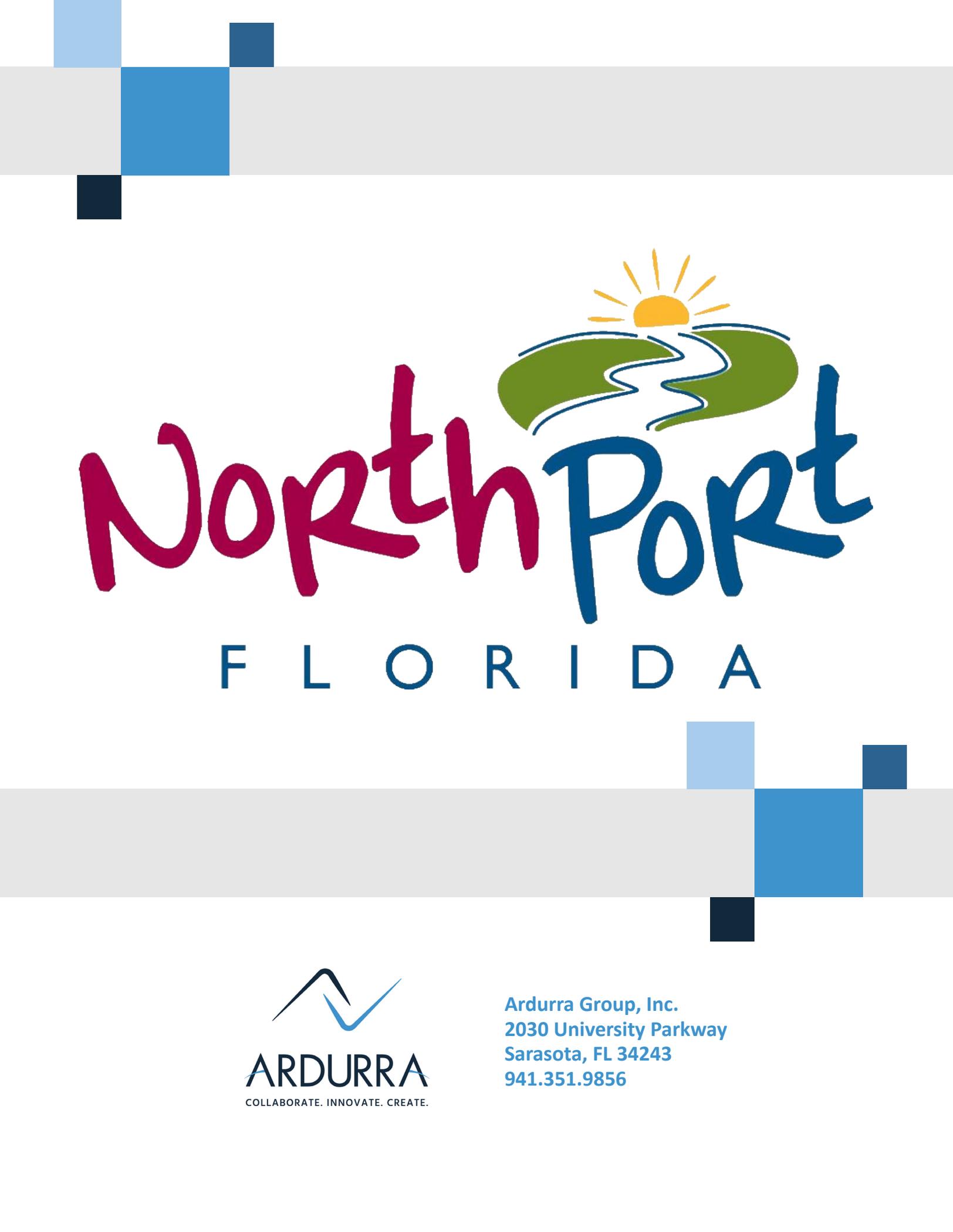
- This bid, proposal, contract or contract renewal is for goods or services of less than \$1 million. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes, section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel.
- This bid, proposal, contract or contract renewal is for goods or services of \$1 million or more. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes, section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel, is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and it does not have business operations in Cuba or Syria.

I understand that pursuant to Florida Statutes section 287.135, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the above-named company to civil penalties, attorney's fees and costs.	
Certified By: 	_____
AUTHORIZED REPRESENTATIVE SIGNATURE	
Print Name and Title: <u>Christopher Kuzler, PE - Director</u>	
Date Certified: <u>7/17/2020</u>	

Solicitation/Contract/PO Number (Completed by Purchasing): 2020-58

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END OF PART IV



North Port

F L O R I D A



Ardurra Group, Inc.
2030 University Parkway
Sarasota, FL 34243
941.351.9856