



CITY OF NORTH PORT

Professional CEI Services for Diesel Bypass Pump Installation and Inflow and Infiltration Mitigation; RFP No. 2022-31

October 27, 2022 | 2:00pm



Submitted by:

CHA Consulting, Inc.
Barton Jones, PE
Client Service Manager
3507 East Frontage Road
Suite 180
Tampa, FL 33607
T: 813.549.0919 | F: N/A
E: BJones@chacompanies.com

Prepared for:

City of North Port
Geoff Thomas, Contract Administrator I
4970 City Hall Boulevard, Suite 337
North Port, FL 34286



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- Copy of Florida Registration

Tab 1 - Transmittal Letter



Tab 1 Transmittal Letter

October 27, 2022

Mr. Geoff Thomas, Contract Administrator I
City of North Port
4970 City Hall Boulevard; Suite 337
North Port, FL 34286

RE: RFQ 2022-31 Construction Engineering and Inspection (CEI) for Diesel Bypass Pump Installation and Inflow and Infiltration Mitigation; RFP No. 2022-31

Dear Mr. Thomas and Selection Committee Members:

Thank you for allowing CHA this opportunity to provide CEI services for the city’s two Community Development Block Grant (CDBG) projects. Many qualified firms provide this service, so the question becomes, “why choose CHA?” The answer is simple. We offer a highly qualified engineering and CEI team that has worked together on numerous similar projects over the last five years. Our lead CEI technician, Kerry Wulff, has over 30 years of experience in construction engineering. The team supporting him has a successful history of working on CEI assignments under his supervision. In this statement of qualifications (SOQ) you will find our response to the requested materials.

WHY CHA?

- ✓ **Highly Experienced CEI Staff** | Over 50 years of combined, applied construction engineering experience dedicated to this project
- ✓ **Local Florida Grant Experience** | CHA team members have extensive Florida field construction and inspection experience and understand required grant compliance monitoring
- ✓ **Client Service Manager has Extensive Public Sector Experience** | Bart knows and understands the City of North Port’s challenges and concerns

The CHA design and CEI team provides all the expertise and experience required to fully execute the identified CEI scope items responsibly and cost-effectively. CHA has been serving Florida municipal clients since 1998 and currently holds over 50 continuing general service agreements (GSAs) with local governments. More importantly, as a local firm (this contract will be executed from our Tampa office) with a national staff of more than 1,400 professionals and specialists, CHA will provide the city with the level of responsiveness and customized service you expect. We fully understand the scope of services required to execute the CEI services anticipated for this project.

Should you have any questions, or if we may be of further service, please reach out to our client service manager, Barton Jones, PE, on his cell at 608.469.6994 or directly via email at BJones@chacompanies.com.

Sincerely,

C. Robert Reiss, PhD, PE
Vice President/Florida Project Team Leader

Barton Jones, PE
Client Service Manager

Tab 2 - Qualifications of the Firm

Tab 2 Qualifications of the Firm



CHA Overview

CHA Consulting, Inc. (CHA) is an innovative, full-service engineering consulting and construction management firm **delivering sustainable, integrated solutions to the world's most challenging infrastructure projects**. With decades of experience, we bring inspired talent, forward-leaning technology, and essential partnerships to meet our clients' evolving needs. We are your trusted advisors and partners committed to **responsibly improving the world we live in**.

CHA serves as your single point of contact from start to finish, utilizing technology advancements and adapting teams, schedules, budgets, and services to each unique challenge. Our client focus is driven by trust and collaboration. We study, design, manage, and build **projects that enhance our communities and our world**.

At CHA, we are committed to the values of **inclusion, diversity and equality, and the full participation of all people**. These are core company values at the heart of who we are as an organization. CHA has and will continue to embrace and celebrate the diversity of voices our employees, clients, partners, and communities represent.

CHA's commitment to sustainability comes through in our work, the communities we build, and as we work to create a better, more sustainable workplace. Our diversification across markets, geographies, and services has driven CHA's success.

CHA's robust health and safety program empowers our people to take ownership of safety through education and access to the best safety tools. Our **"people first" approach** instills a culture of health and safety that minimizes the risk of workplace incidents, injuries and exposure to hazards for our employees, partners and the public. Proactive engagement to health and safety permeates throughout all levels of our organization.

At CHA, engineering and client engagement go hand-in-hand. Providing both yields **amazing value... and amazing results**.

CHA at a Glance



1,400+ Employees firm-wide



70 Years in business



40+ Office locations

We provide full-service programming and design:

- Alternative delivery
- Architectural
- Asset management
- Aviation design and planning
- Civil engineering
- Construction engineering
- Electrical
- Energy solutions
- Environmental, health and safety
- Geospatial innovation
- Geotechnical
- Health and safety
- Land development
- Life safety and security
- Mechanical
- Program management
- Sports planning and architecture
- Structural
- Survey
- Sustainability
- Tank rehabilitation
- Technology solutions
- Transportation engineering and planning
- Water and wastewater
- Wireless communications

Number of Years of Experience

CHA has been in business for more than 70 years and has been providing professional services related to this contract in the state of Florida since 1998.

Business Structure

Corporation

Federal Identification Number

16-0966259

Office Location

CHA Tampa

Barton Jones, PE, Client Service Manager
3507 East Frontage Road
Suite 180
Tampa, FL 33607
T: 813.549.0919 | F: N/A
E: BJones@chacompanies.com

Licenses and Certifications

CHA Consulting, Inc. (CHA)

Licensee Information	
Name:	CHA CONSULTING, INC. (Primary Name)
Main Address:	575 BROADWAY ALBANY New York 12207
County:	OUT OF STATE

License Information	
License Type:	Registry
Rank:	Registry
License Number:	28386
Status:	Current
Licensure Date:	01/29/2009
Expires:	

NOTE: FDBPR stopped issuing certificates in 2020. CHA's license number is 28386.

CHA Consulting, Inc. is active and in good standing with the Florida Department of State under document number F08000004937.

Minority/Woman-Owned Business

CHA is not a certified minority-owned business enterprise (MBE), woman-owned business enterprise (WBE), veteran-owned business enterprise (VBE), or other recognized disadvantaged business enterprise (DBE); however, we work with local M/W/DBE firms whenever possible and have a strong history of meeting contractual requirements and goals concerning the level of utilization of such firms. **We make an affirmative declaration to make a good faith effort to incorporate such firms into this contract.**

Relative Size of the Firm

CHA has approximately 1,440 employees firm-wide.

Website

www.chacompanies.com

State of Florida
Department of State


I certify from the records of this office that CHA CONSULTING, INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 17, 2008.

The document number of this corporation is F08000004937.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 10, 2022, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Tenth day of January, 2022


Secretary of State

Tracking Number: 1892863710CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Professional CEI Services for Diesel Bypass Pump Installation and Inflow and Infiltration Mitigation

2. PUBLIC NOTICE DATE

8/11/2022

3. SOLICITATION OR PROJECT NUMBER

RFP No. 2022-31

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Barton Jones, PE, Client Service Manager

5. NAME OF FIRM

CHA Consulting, Inc.

6. TELEPHONE NUMBER

813.549.0919

7. FAX NUMBER

N/A

8. EMAIL ADDRESS

BJones@chacompanies.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			CHA Consulting, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	3507 East Frontage Road Suite 180 Tampa, FL 33607	Engineering and CEI
b.	<input checked="" type="checkbox"/>			CHA Consulting, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1016 Spring Villas Point Winter Springs, FL 32708	Design Support (if necessary)
c.			<input checked="" type="checkbox"/>	EMI Consulting Specialties, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	5742 River Bed Road Groveland, FL 34736	Electrical Engineering/I&C (if necessary)
d.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
g.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached in Tab 3)

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
RFP No. 2022-31


PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME CHA Consulting, Inc.			3. YEAR ESTABLISHED 2021	4. UNIQUE ENTITY IDENTIFIER
2b. STREET 3507 East Frontage Road, Suite 180			5. OWNERSHIP	
2c. CITY Tampa	2d. STATE FL	2e. ZIP CODE 33607		
6a. POINT OF CONTACT NAME AND TITLE Barton Jones, PE, Client Service Manager			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 813.549.0919		6c. E-MAIL ADDRESS BJones@chacompanies.com		7. NAME OF FIRM (If block 2a is a branch office) CHA Consulting, Inc.
8a. FORMER FIRM NAME(S) (If any) Clarkeson Engineering Co., Inc., 1952 Clarkeson, Clough, Yokel, 1966 Clough Associates, 1971 Clough Harbour & Associates LLP, 1990 John Clarkeson, Consulting Eng., 1955 Clarkeson & Clough Associates, 1967 Clough, Harbour & Associates, 1981 CHA, Inc., 2008			8b. YR. ESTABLISHED 1952	8c. DUNS NUMBER 118240632

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			
NA	Airport Engineers	22	1	A05	Airports; Nav aids; Airport Lighting; Aircraft	6
06	Architects	27		A06	Airports; Terminals; & Hangers; Freight	6
12	Civil Engineers	108	1	C15	Construction Management	5
15	Construction Inspector	80	1	D02	Dams (Earth; Rock); Dikes; Levees	2
21	Electrical Engineers	135	1	E02	Educational Facilities; Classrooms	6
23	Environmental Engineer	9		E07	Energy Conservation; New Energy Sources	4
24	Environmental Scientist	36		E09	Environmental Impact Studies,	5
25	Fire Protection Engineer	13		F03	Fire Protection	9
27	Foundation/Geotechnical	7		H04	Heating, Ventilating, Air Conditioning	4
30	Geologist	6		H07	Highways; Streets; Airfield Paving; Parking	8
35	Industrial Engineers	2		I06	Irrigation; Drainage	4
38	Land Surveyor	24		L03	Landscape Architecture	4
39	Landscape Architects	14		L06	Lighting (Exteriors; Street; Memorials;	3
42	Mechanical Engineers	66		P06	Planning (Site, Installation and Project)	6
52	Sanitary Engineers	8		P12	Power Generation, Transmission,	6
54	Security Specialists	8		R06	Rehabilitation (Buildings; Structures;	6
57	Structural Engineers	79		S04	Sewage Collection, Treatment & Disposal	8
58	Technician/Analyst	96	1	S05	Soils & Geologic Studies; Foundations	3
60	Transportation Engineers	133		S07	Solid Wastes; Incineration; Landfill	4
62	Water Resource Engineer	56	10	S09	Structural Design; Special Structures	5
	Other Employees	514	3	S10	Surveying; Platting; Mapping; Flood Plain	5
	Total	1443	18	W03	Water Supply; Treatment and Distribution	8

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	6	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	10	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 10/27/2022
c. NAME AND TITLE C. Robert Reiss, PhD, PE, Vice President/Florida Project Team Leader	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
RFP No. 2022-31

PART II – GENERAL QUALIFICATIONS

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


2a. FIRM (OR BRANCH OFFICE) NAME CHA Consulting, Inc.			3. YEAR ESTABLISHED 2021	4. UNIQUE ENTITY IDENTIFIER
2b. STREET 1016 Spring Villas Point			5. OWNERSHIP	
2c. CITY Winter Springs	2d. STATE FL	2e. ZIP CODE 32708		
6a. POINT OF CONTACT NAME AND TITLE Barton Jones, PE, Client Service Manager			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 813.549.0919		6c. E-MAIL ADDRESS BJones@chacompanies.com		7. NAME OF FIRM (If block 2a is a branch office) CHA Consulting, Inc.
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
Clarkeson Engineering Co., Inc., 1952 Clarkeson, Clough, Yokel, 1966 Clough Associates, 1971 Clough Harbour & Associates LLP, 1990			1952	118240632
John Clarkeson, Consulting Eng., 1955 Clarkeson & Clough Associates, 1967 Clough, Harbour & Associates, 1981 CHA, Inc., 2008				

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			
NA	Airport Engineers	22		A05	Airports; Nav aids; Airport Lighting; Aircraft	6
06	Architects	27		A06	Airports; Terminals; & Hangers; Freight	6
12	Civil Engineers	108		C15	Construction Management	5
15	Construction Inspector	80	1	D02	Dams (Earth; Rock); Dikes; Levees	2
21	Electrical Engineers	135	2	E02	Educational Facilities; Classrooms	6
23	Environmental Engineer	9		E07	Energy Conservation; New Energy Sources	4
24	Environmental Scientist	36		E09	Environmental Impact Studies,	5
25	Fire Protection Engineer	13		F03	Fire Protection	9
27	Foundation/Geotechnical	7		H04	Heating, Ventilating, Air Conditioning	4
30	Geologist	6		H07	Highways; Streets; Airfield Paving; Parking	8
35	Industrial Engineers	2		I06	Irrigation; Drainage	4
38	Land Surveyor	24		L03	Landscape Architecture	4
39	Landscape Architects	14		L06	Lighting (Exteriors; Street; Memorials;	3
42	Mechanical Engineers	66		P06	Planning (Site, Installation and Project)	6
52	Sanitary Engineers	8	4	P12	Power Generation, Transmission,	6
54	Security Specialists	8		R06	Rehabilitation (Buildings; Structures;	6
57	Structural Engineers	79		S04	Sewage Collection, Treatment & Disposal	8
58	Technician/Analyst	96		S05	Soils & Geologic Studies; Foundations	3
60	Transportation Engineers	133		S07	Solid Wastes; Incineration; Landfill	4
62	Water Resource Engineer	56	11	S09	Structural Design; Special Structures	5
	Other Employees	514	14	S10	Surveying; Platting; Mapping; Flood Plain	5
	Total	1443	32	W03	Water Supply; Treatment and Distribution	8

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
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c. Total Work	10	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 10/27/2022
c. NAME AND TITLE C. Robert Reiss, PhD, PE, Vice President/Florida Project Team Leader	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFP No. 2022-31

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (or branch office) NAME EMI Consulting Specialties, Inc.			3. YEAR ESTABLISHED 1991	4. DUNS NUMBER 96-276-6341
2b. STREET 5742 River Bed Rd			5. OWNERSHIP a. TYPE S-Corporation	
2c. CITY Groveland	2d. STATE FL	2e. ZIP CODE 34736	b. SMALL BUSINESS STATUS N/A	
6a. POINT OF CONTACT NAME AND TITLE Willard C. Hoanshelt, President			7. NAME OF FIRM (if block 2a is a branch office) N/A	
6b. TELEPHONE NUMBER 352-460-4035	6c. E-MAIL ADDRESS whoanshelt@emicfl.com			
8a. FORMER FIRM NAME(S) (if any)			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	1		A04	Air Pollution Control	
08	CADD Technician	1		A06	Airports; Terminals & Hangers; Freight Handling	
15	Construction Inspector			B02	Bridges	
16	Construction Manager			C15	Construction Management	2
21	Electrical Engineer	1		D01	Dams; (Concrete; Arch)	
29	GIS Specialist			D02	Dams; (Earth; Rock); Dikes; Levees	
37	Interior Designer			E09	Enviro. Impact Studies, Assessments, or Statements	
47	Planner: Urban/Regional			E12	Environmental Remediation	
52	Sanitary Engineer			H07	Highways: Streets; Airfield Paving; Parking Lots	
54	Security Specialist			I01	Industrial Buildings; Manufacturing Plants	
58	Technician/Analyst			P06	Planning (Site, Installation, and Project)	
60	Transportation Engineer			P12	Power Generation, Transmission, Distribution	2
62	Water Resources Engineer			R03	Railroad: Rapid Transit	
				RI1	Rivers: Canals; Waterways; Flood Control	
				S02	Security Systems; Intruder & Smoke Detection	1
				S04	Sewage Collection; Treatment and Disposal	2
				S07	Solid Wastes; Incineration; Landfill	2
				S10	Surveying; Platting; Mapping; Flood Plain Studies	
				S13	Storm Water Handling & Facilities	
				T02	Testing & Inspection Services	2
				T03	Traffic & Transportation Engineering	
	Other Employees			W02	Water Resources; Hydrology; Ground Water	
	Total	3		W03	Water Supply; Treatment and Distribution	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work		1. Less than \$100,000	6. \$2 million to less than \$5 million		
B. Non-Federal Work	3	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million		
c. Total Work	3	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 10/7/2022
c. NAME AND TITLE Willard C. Hoanshelt, President	

Tab 3 - Key Personnel/Qualifications
of the Project Team

Tab 3

Tab 3 Key Personnel/Qualifications of the Project Team

Organizational Chart

Our team has been built to provide the city with an extraordinary blend of water resource expertise, Florida project history, and personalized service. Our proposed project manager, Weston Haggen, PE, DBIA, ENV SP, PMP, and our client service manager, Barton Jones, PE, will serve as the city’s direct day-to-day contacts. We have assigned the most qualified project team for the scope of services identified in your RFP. Each of our team members was specifically selected to assist in successfully completing all unique challenges and project needs for the duration of the contract. Our team’s organizational chart can be found below, along with resumes for key personnel on the following pages.



CLIENT SERVICE MANAGER
Barton Jones, PE

PROJECT MANAGER
Weston Haggen, PE, DBIA,
ENV SP, PMP

QUALITY MANAGER
Allen Dethloff, PE

CEI

Kerry Wulff (Lead)
Jeffrey Robitaille

Lucas Parmer, EI
Charles Warren

DESIGN (IF REQUIRED)

Emily Williamson, PE (Lead)
Stefano Ceriana, PE, LEED AP

Mark Worsham, PE
Willard “Pete” Hoanshelt, PE (EMI)

LEGEND:

(Lead) = Task Lead

(EMI) = EMI Consulting Specialties, Inc.

In-House Key Technical Resources on Staff

29

Architecture

92

Civil

162

Electrical

22

Environmental

57

Mechanical

71

Structural

147

Transportation

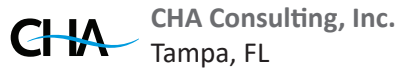
105

Water/Wastewater

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Weston Hagen, PE, DBIA, ENV SP, PMP	13. ROLE IN THIS PROJECT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION (City and State)



16. EDUCATION (Degree and Specialization)

University of Central Florida, FL, M.S.E., Civil Engineering
University of Central Florida, FL, B.S.E., Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Professional Engineer - FL
FDOT, MOT Advanced, No. 41689
NASSCO PACP/MACP/LACP Certification No. 07004925
Design-Build Professional Certification No. D-3301
Envision Sustainability Professional, Certification No. 39259

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

OSHA 10-Hour Construction Program, Hydraulic Surge Modeling Training, American Water Works Association (AWWA), Water Environment Federation, American Society of Civil Engineers

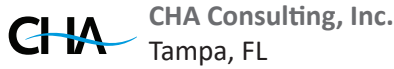
19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Program manager for the system-wide potable and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements and assessing and replacing methods to minimize service and critical roadways impacts. This program additionally includes condition assessment, hydraulic modeling, and RPR services.		
b.	Ernie Caldwell Reclaimed Water Main Improvements - Phase II Polk County, FL	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project manager for this project that consisted of design, permitting, and CEI for 16,100 feet of reclaimed water main within the Ernie Caldwell Boulevard (ECB) corridor extending from west of Pine Tree Trail to US 17-92, and 4,300 feet of reclaimed water main within the US 17-92 corridor.		
c.	Delwood Super Station Design-Build Hillsborough County, FL	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project manager for this design-build project that involved the design and construction of a 10 MGD dual wet well, triplex diversion pump station, and demolition and repurposing of the existing Dale Mabry WWTP. The project also included a reclaimed water low-profile cascade aerator and dechlorination for surface water discharge to Brushy Creek.		
d.	Seminola Master Pump Station Relocation Casselberry, FL	2019	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project manager for the design, permitting, bidding, and limited CEI for a new triplex master pump station. The master pump station relocation included the complete demolition of the existing lift station, except for the existing wet well. The new lift station included a new triplex lift station with submersible pumps, pump guide rails, single wet well, liner, access hatches, discharge piping, electrical and controls, emergency generator, miscellaneous piping and appurtenances, new access drive, fencing, and landscaping.		
e.	Large-Diameter Gravity Line Cleaning and CCTV Largo, FL	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project manager for this project in which CHA acted as an extension of staff for the city, providing professional inspection oversight services, including providing guidance to the city inspector that was overseeing the contractor executing the cleaning and CCTV inspection of its sanitary sewer interceptor pipelines and associated manholes.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Barton Jones, PE	13. ROLE IN THIS PROJECT Client Service Manager	14. YEARS EXPERIENCE	
		a. TOTAL 50+	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)



16. EDUCATION (Degree and Specialization) University of Dubuque, IA, M.B.A., Business Administration Georgia Institute of Technology, GA, Undergraduate Studies in Civil and Environmental Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - IA
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Water Works Association, Life Member, Water Environment Federation (WEF) Life Member, WEF Fellow, Past Chair of the Technical Practice Committee responsible for developing and publishing manuals of practice and special publications, Past Chair of the Committee Leadership Council, the management umbrella for all 37 technical committees

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Client service manager for the system-wide potable and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements and assessing and replacing methods to minimize service and critical roadways impacts. This program additionally includes condition assessment, hydraulic modeling, and RPR services.		
b.	Public Sector Experience Dubuque, IA	1985	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Director of utilities (water and wastewater) responsible for 16% of the city's staff and operational budget, along with 26% of the city's Capital Improvement Budget. Before that, Bart served as the assistant chief engineer for Spartanburg, SC Water Works with a 56 MGD surface WTP and approximately 2,800 miles of water transmission and distribution pipelines. The Water Works served a population of 275,000 over 857 square miles.		
c.	Prestressed Concrete Raw Water Pipe Cleaning DeKalb County, GA	1976	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Lead project engineer for cleaning approximately 3 miles of 42-inch diameter prestressed concrete raw water pipe; this required the design of new launch facilities at the raw water pump station and the insertion of a new prestressed concrete tee at the WTP. Given the demand from the distribution system, elevated storage provided an eight-hour window for the tee insertion.		
d.	Biosolids Handling Facility Design-Build Louisville and Jefferson County, KY	1996	2000
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Owner's project manager for a new 120 MGD biosolids handling facility to be delivered by the design-build-operate system. Prepared 30% complete preliminary design drawings and specifications for anaerobic digesters, followed by gravity thickeners and belt presses. This project included a complete design-build package through a revised procurement process. The effort was successful and resulted in a new Class A pelletized product which MSD provided to the city departments and sold to the public.		
e.	Water Transmission and Distribution Design GA and SC	1972	1972
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Lead project engineer for the design of over 600 miles of water transmission and distribution lines ranging from 4-to 54-inch in diameter, using cast iron, ductile iron, steel, and prestressed concrete materials.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Allen Dethloff, PE	13. ROLE IN THIS PROJECT Quality Manager	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)

CHA Consulting, Inc.
Tampa, FL

16. EDUCATION (Degree and Specialization) University of Florida, FL, B.S., Civil Engineering, Construction Management	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Florida Water Environment Association, North American Society for Trenchless Technology

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Technical director for system-wide potable water and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements and assessing and replacing methods to minimize service and critical roadways impacts.		
b.	Brandon Booster Station Hillsborough County, FL	Ongoing	Est. 2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for the design, permitting, and CEI for this construction manager at-risk (CMAR) project. The project includes a new 20 MGD potable water booster pumping station that comprises a new ~6,000-square-foot masonry building, five 250 horsepower (hp) centrifugal pumps (and associated gear, including variable frequency drives [VFDs], etc.), 1,400 feet of 30-inch diameter suction/discharge piping, surge relief appurtenances, a stormwater management system, and general site improvements, including landscaping.		
c.	Collection System Pump Station 357 and Force Main Pinellas County, FL	2021	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager and engineer-of-record (EOR) to conduct an analysis to determine the most effective and efficient means of modifying an existing wastewater pump station to incorporate a diesel engine-driven pump . This will update the station to current county standards and improve performance.		
d.	Delwood Super Station Design-Build Hillsborough County, FL	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Technical advisor for this design-build project involving the design and construction of a 10 MGD super pump station as part of the county's overall Northwest Wastewater Consolidation Project. The project included the design and construction of a dual wet well triplex pump station, two 10 MGD Godwin CD500-M engine-driven bypass pumps, a 3,000-standard-cubic-foot-per-minute (scfpm) odor control unit, a low-profile cascade aerator and dechlorination for surface water discharge of the plant effluent to Brushy Creek, demolition of the existing Dale Mabry Advanced WWTP, and repurposing of the site to serve as a community park. This project required an extensive public outreach program, and close coordination with county staff, the Environmental Protection Commission of Hillsborough County, FDEP, and other key stakeholders.		
e.	Reclaimed GST and Pump Station Haines City, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for the preliminary design, hydraulic analysis, final design, permitting, and construction administration services for a 7.8 MGD transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete GST, a new 4.5 MGD reclaimed high-service pump station with VFDs, an off-site 1.1 MGD booster pump station, yard piping, electrical, I&C, and ancillary structures at the Haines City WWTF.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

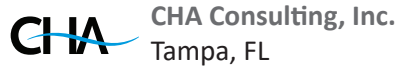
12. NAME Kerry Wulff	13. ROLE IN THIS PROJECT CEI Lead	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) CHA Consulting, Inc. Tampa, FL			
16. EDUCATION (Degree and Specialization) University of Central Florida, FL, B.S., Engineering Technology Owens Technical College, OH, A.S., Mechanical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Certified Building Contractor - FL OSHA Certified No. 36-600715837	
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)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction manager for system-wide potable water and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements to renew critical infrastructure and the assessment and replacement methods necessary to minimize impacts on service and critical roadways.		
b.	Clearwater Sanitary Program Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction manager for the long-term sanitary sewer program which included 123 projects for over \$6 million per year. Specific support includes oversight of construction activities for various sanitary sewer point repairs, pipeline relocation, and other related items.		
c.	Southwest 6 and 7 Utility Expansion Project Cape Coral, FL	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction manager who hired and managed a team of RPRs to facilitate the expansion of the water, wastewater, and irrigation systems consisting of 14 contracts, including value engineering, hydraulic modeling for water, wastewater, and irrigation systems, design, permitting, bidding, construction management, public outreach, and SRF funding assistance.		
d.	Ernie Caldwell Reclaimed Water Main Improvements - Phase II Polk County, FL	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction manager for the preliminary and final design, permitting, bidding, and CEI to complete a reclaimed water main loop in the ECB and US Highway 17/92 corridors. The project installed 10,300 feet of 20-inch reclaimed water main within the Ernie Caldwell Boulevard corridor extending from Posner Center to a future roadway connection with Ridgewood Lakes Phase 2. The project included considering a future alignment of a 20-inch potable water main and a 16- to 20-inch wastewater force main that will parallel the reclaimed water main.		
e.	Clearwater Water Distribution System Improvements Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction manager for the construction of water main replacements, upsizing, and relocations across 34 project areas in the Clearwater potable water distribution system. CHA completed the designs for the 34 areas in phases as survey information was received to fast-track design completion to facilitate construction without delay.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Jeffrey Robitaille	13. ROLE IN THIS PROJECT CEI	14. YEARS EXPERIENCE	
		a. TOTAL <1	b. WITH CURRENT FIRM <1

15. FIRM NAME AND LOCATION (City and State)



16. EDUCATION (Degree and Specialization)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

30-hour OSHA Hazard Recognition Training for the Construction Industry
30-hour OSHA Hazard Recognition Training for the General Industry

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

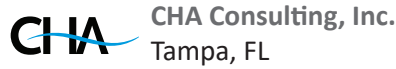
19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Construction administration for system-wide potable water and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements to renew critical infrastructure and the assessment and replacement methods necessary to minimize impacts on service and critical roadways.		
b.	Reclaimed GST and Pump Station Haines City, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Construction administration for a 7.8 MGD transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete GST, a new 4.5 MGD reclaimed high-service pump station with VFDs, an off-site 1.1 MGD booster pump station, yard piping, electrical, I&C, and ancillary structures at the Haines City WWTF.		
c.	Ernie Caldwell Reclaimed Water Main Improvements - Phase II Polk County, FL	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Construction inspector for the preliminary and final design, permitting, bidding, and construction administration services to complete a reclaimed water main loop in the ECB and US 17-92 corridors. The project installed 10,300 feet of 20-inch reclaimed water main within the ECB corridor extending from Posner Center to a future roadway connection with Ridgewood Lakes Phase 2. The project included considering a future alignment of a 20-inch potable water main and a 16- to 20-inch wastewater force main that will parallel the reclaimed water main.		
d.	Secret Lake Park CEI Services Casselberry, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Construction administration for the rehabilitation of Secret Lake Park. Improvements include a playground expansion; recreation center entryways, roof, and patio improvements; a new large pavilion; multi-purpose field improvements; boardwalk and fishing pier replacement; outdoor exercise stations; and accessibility, sidewalk, and parking improvements.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Lucas Parmer, EI	13. ROLE IN THIS PROJECT CEI	14. YEARS EXPERIENCE	
		a. TOTAL 2	b. WITH CURRENT FIRM <1

15. FIRM NAME AND LOCATION (City and State)



16. EDUCATION (Degree and Specialization) Florida Gulf Coast University, FL, B.S., Environmental Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineer Intern - FL
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Water Works Association (AWWA), Florida Water Environment Association (FWEA)

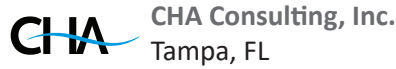
19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer and CEI for system-wide potable water and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements to renew critical infrastructure and the assessment and replacement methods necessary to minimize impacts on service and critical roadways.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
b.	Reclaimed GST and Pump Station Haines City, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer/CEI inspector for a 7.8 MGD transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete GST, a new 4.5 MGD reclaimed high-service pump station with VFDs, an off-site 1.1 MGD booster pump station, yard piping, electrical, I&C, and ancillary structures at the Haines City WWTF.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
c.	Brandon Booster Station Hillsborough County, FL	Ongoing	Est. 2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer/CEI inspector for the design, permitting, and CEI for this CMAR project. The project includes a new 20 MGD potable water booster pumping station that comprises a new ~6,000-square-foot masonry building, five 250 horsepower (hp) centrifugal pumps (and associated gear, including VFDs, etc.), 1,400 feet of 30-inch diameter suction/discharge piping, surge relief appurtenances, a stormwater management system, and general site improvements, including landscaping.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
d.	Ernie Caldwell Reclaimed Water Main Improvements - Phase II Polk County, FL	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer/CEI inspector for this project that consisted of approximately 16,100 feet of reclaimed water main within the ECB corridor extending from west of Pine Tree Trail to US 17-92, and 4,300 feet of reclaimed water main within the US 17-92 corridor from ECB north to Sunny Acres Road.		
<input checked="" type="checkbox"/> Check if project performed with current firm			
e.	4.5 MGD WWTP Expansion Haines City, FL	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for the design, permitting, and CEI for the city's WWTP expansion project. The process improvements include a new headworks structure with new screening and grit removal equipment; the conversion of two existing oxidations ditches to an equalization basin; new 4.5 MGD five-stage biological treatment system; RAS/WAS pumping capacity improvements; the rehabilitation and replacement of existing gas chlorination feed equipment and monitoring equipment; solids handling improvements; civil, site, and stormwater upgrades to support the new process and systems; a hazardous waste assessment for demolishing the existing headworks; and electrical/SCADA system upgrades.		
<input checked="" type="checkbox"/> Check if project performed with current firm			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Charles Warren	13. ROLE IN THIS PROJECT CEI	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)



16. EDUCATION (Degree and Specialization)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

AWS Professional Development (40 Hours), NEC Level 2 Burg Technician, PEC Safety Certification, Polyethylene Pipe certification F2620, Veriforce OQ Certified in Line Locates, Damage Prevention of Excavating and Backfill, Locate Buried Facilities, ROW Observation

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Pineda Causeway Water Transmission Mains Melbourne and Cocoa, FL	Ongoing	Est. 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CEI inspector for this project that includes 39,800 feet of 16-inch water main with nine long, subaqueous directional drills that will cross beneath the Indian River and Banana River. The Melbourne portion of the project comprises 20,400 feet of pipeline with five horizontal directional drills, and the Cocoa portion of the project comprises 19,400 feet of pipeline with four horizontal directional drills.		
b.	Hacienda Compressor Station Reeves County, TX	2016	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Co-inspector for construction oversight of incoming pipelines. The project included placing and piping of all vessels and compressors. Ordered necessary supplies, completed hydrostatic testing of pipes and worked with third-party contractors to complete the project in a timely manner.		
c.	Basic Energy, Guitar Ranch Pipeline Big Spring, TX	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Main inspector for construction oversight on the pipeline. The project included work on a 14-inch polyethylene line, two I-20 road bores and two feeder roads. Responsible for ordering materials, designing risers, placing valves, and inspection on-site.		
d.	Howard Energy, Permian Oil Gathering Lateral Loving County, TX	2016	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Main inspector for construction oversight of the 6-inch steel line weld inspection.		
e.	Lindsay SWD Booster Station Loving County, TX	2017	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Main inspector for the installation of all piping at the station. Project included installing 8-inch polyethylene line, tying into existing lines and setting tanks.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Emily Williamson, PE	13. ROLE IN THIS PROJECT Project Engineer (Lead) <i>If Required</i>	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION (City and State)

CHA Consulting, Inc.
Tampa, FL

16. EDUCATION (Degree and Specialization)

University of Florida, FL, B.S.E., Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Professional Engineer - FL

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

American Water Works Association (AWWA)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water and Reclaimed Water Program Management Clearwater, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for the system-wide potable and reclaimed water main assessment and replacement program. This program includes the conceptual routing, design, permitting, and CEI for pipeline improvements and assessing and replacing methods to minimize service and critical roadways impacts. This program additionally includes condition assessment, hydraulic modeling, and RPR services.		
b.	Seminola Master Pump Station Relocation Casselberry, FL	2019	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for evaluating and designing a proposed lift station to meet current and future demands. Two primary layouts were provided as options to the city for the relocation of the lift station. The design included converting the existing wet well to an influent manhole; a new triplex lift station with submersible pumps, wet well, and access hatches; new discharge piping; above-grade piping and valves; new electrical controls; emergency generator; and a location for future odor control equipment.		
c.	North Port Water Improvements North Port, FL	2021	Est. 2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for the design, permitting, and CEI for water main improvements to loop the city's existing water system to eliminate dead ends, reduce flushing, and improve water quality. The design includes 3,310 feet of 6- and 8-inch PVC and HDPE water mains in three locations. The proposed installation methods include open-cut and horizontal directional drilling to avoid disrupting critical roadways to the city.		
d.	Pump Station Regulatory Evaluation Pinellas County, FL	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for evaluating all 297 county-owned and maintained pump stations and the documentation of regulatory compliance at all pump stations. The project included facilitating workshops and site visits to gather missing data. The results were summarized in a technical memorandum with recommended improvements necessary to bring each pump station into compliance.		
e.	Collection System Pump Station 357 and Force Main Pinellas County, FL	2021	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer to conduct an analysis to determine the most effective and efficient means of modifying an existing wastewater pump station to incorporate a diesel engine-driven pump . This will update the station to current county standards and improve performance.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Stefano Ceriana, PE, LEED AP	13. ROLE IN THIS PROJECT Project Engineer <i>If Required</i>	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State)

CHIA CHA Consulting, Inc.
Winter Springs, FL

16. EDUCATION (Degree and Specialization)

Worcester Polytechnic Institute, MA, M.S.,
Environmental Engineering
Worcester Polytechnic Institute, MA, B.S., Civil
Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Professional Engineer - FL
LEED® Accredited Professional
FDOT Certification Transportation Approved Temporary
Traffic Control (TTC) Intermediate (No. 41174)
NAASCO PACP/MACP/LACP Certification (No. 06-12441)

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

American Water Works Association (AWWA)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Lift Station 218 (LS218) Relocation Orlando, FL	Ongoing	Ongoing (Est. 2022)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Project engineer for the two-phase project to relocate the primary wastewater collection lift station from underneath Terminal A at Orlando International Airport (OIA) to increase safety and accessibility. Phase 1 included the design and installation of a temporary/permanent electrical bypass pump with VFD controls adjacent to LS218, ready for use in an emergency. In addition, Phase I included a preliminary report with the conceptual cost analysis and plan for three location options, with the final location chosen based on coordination with all parties. Phase II of the project included the design of the LS218 relocation, preceded by a preliminary design report which examined current capacity (current ADF 0.8 MGD, PHF of 1.5 MGD), future capacity (firm capacity of 2.2 MGD with two pumps, expandable to three), wet well shape and size, gravity sewer installation method, and the site layout.		
SSNOCWTA Program Management/Owner's Representative Services Seminole and Orange Counties, FL	Ongoing	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Client/program manager for SSNOCWTA, which is composed of several local municipalities and counties that form the member entities to regionalize wastewater treatment and transmission to obtain optimum efficiencies in wastewater treatment. Program management responsibilities include design, permitting, and construction administration services; surveying; utility locates and subsurface utility investigations; managing continuing contractors; capital improvement plan (CIP) management; vendor/contractor proposals and contract procurement; asset rehabilitation and replacement; emergency response services (loss of power, pump station overflows, and pipeline incidents); operation and maintenance (O&M) support; inflow and infiltration (I/I) program implementation; facilities maintenance tracking and management; board meeting participation; extension of staff; and updates to the master plan and CIP budget.		
Lift Station #106 Rehabilitation Polk County, FL	2016	2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Project manager for the preliminary design, permitting, final design, and CEI for the county's 1.7 MGD master wastewater lift station rehabilitation project. The design consisted of evaluating present/future flows to determine lift station operation, three new high-service pumps with VFDs, a permanent emergency generator with a fuel storage tank, a new discharge piping configuration to add a flow meter, by-pass piping and emergency pump-out connection, odor control, and a climate-controlled control building.		
SSNOCWTA Sagittarius Pump Station Improvements Seminole County, FL	2015	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Client manager and QA/QC for repairs and improvements to the Sagittarius Pump Station based on service needs. The items replaced included the generator, automatic transfer switch, electrical, instrumentations, control, riser pipes, base plates, check valves, plug valves, pump bases, epoxy liner, generator building lintel repair, and grout fill of the existing can station which was taken out of service during a previous rehabilitation.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME Mark Worsham, PE	13. ROLE IN THIS PROJECT Project Engineer <i>If Required</i>	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION (City and State)

CIA CHA Consulting, Inc.
Winter Springs, FL

16. EDUCATION (Degree and Specialization) Virginia Polytechnic Institute and State University, VA, B.S., Civil Engineering Virginia Polytechnic Institute and State University, VA, B.S., Agricultural Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - FL, VA
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

American Water Works Association (AWWA), American Membrane Technology Association (AMTA)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
Delwood Super Station Design-Build Hillsborough County, FL	2019	2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Construction engineer for this design-build project that involved designing and constructing a 10 MGD dual wet well, triplex diversion pump station and demolishing and repurposing the existing Dale Mabry WWTP as part of the overall Northwest Consolidation Project. Additionally, the project included the design and construction of a reclaimed water low-profile cascade aerator and dechlorination for surface water discharge to Brushy Creek. This design includes a 3,000 scfm odor control unit, six submersible pumps, a dual wet well, a cascade aerator, a chemical feed system, site layout, and hydraulic analysis.		
Reclaimed GST and Pump Station Haines City, FL	Ongoing	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Project engineer for a 7.8 MGD transfer pump station with VFDs and a concrete wet well, a 3-MG prestressed concrete GST, a new 4.5 MGD reclaimed high-service pump station with VFDs, an off-site 1.1 MGD booster pump station, yard piping, electrical, I&C, and ancillary structures at the Haines City WWTF.		
Pump Station Rehabilitation/Replacement Package 7 Improvements Orange County, FL	2016	2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Senior project engineer for the preliminary design, final design, permitting, bidding, and CEI to rehabilitate four wastewater pump stations. Improvements included lining the existing wet wells, replacing the existing pumps and riser pipes, replacing the valve vault and valve vault piping, access hatches and top slabs, control panels and SCADA, electrical panels, emergency pump-out, access gates, and fencing.		
WWTF Design Update Davenport, FL	2018	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Project and construction manager who provided process and mechanical design for the WWTF design update that included the upgrade of the existing WWTF from 0.15 MGD to 0.525 MGD. The new WWTF is an Evoqua packaged treatment facility that discharges to existing on-site RIBs.		
Eustis Eastern WWTP Expansion Eustis, FL	2018	2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Mechanical engineer for engineering, funding assistance, permitting, design, bidding, and CEI for the 1.0 MGD WWTP expansion, including grit removal and dewatering, a new wet well with variable speed submersible pumps, treatment process for nutrient removal with internal recycle, aeration system, clarifiers, RAS/WAS pumping system, chlorine contact chambers and effluent transfer pumps, sodium hypochlorite storage and feed system, RIBs, instrumentation and controls/SCADA, and an aeration/blower building.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT
(Complete one Section E for each key person.)

12. NAME W. Pete Hoanshelt, PE	13. ROLE IN THIS PROJECT Project Engineer - Electrical/I&C <i>If Required</i>	14. YEARS EXPERIENCE	
		a. TOTAL 40+	b. WITH CURRENT FIRM 27
15. FIRM NAME AND LOCATION (City and State) EMI Consulting Specialties, Inc. Groveland, FL			
16. EDUCATION (Degree and Specialization) University of Florida, FL, B.S., Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - FL	
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)
a.	Collection System Pump Station 357 and Force Main Improvements Pinellas County, FL	2017	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer for the hydraulic analysis, design, permitting, bidding, and construction services to disconnect the force main connection from pump station 357 and pump station 448, install new force mains connecting each pump station to the downstream larger force main, and design the necessary pump station upgrades to allow pump station 357 and the system to operate as intended. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	Seminola Master Lift Station Casselberry, FL	2021	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer for the design of a proposed lift station to meet current and future demands. Two primary layouts were provided as options to the city for the relocation of the lift station. The design included converting the existing wet well to an influent manhole; a new triplex lift station with submersible pumps, wet well, and access hatches; new discharge piping; above-grade piping and valves; new electrical controls; emergency generator; and a location for future odor control equipment. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	SSNOCWTA Lakes of Aloma, Winter Springs, and Deer Run Pump Station Generators Seminole and Orange Counties, FL	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer for the design and construction oversight for three new emergency generators (one 80 kW and two 130 kW), a concrete pad, an automatic transfer switch, electrical improvements, and supervisory control and data acquisition (SCADA) improvements. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	Delwood Super Station Design-Build Hillsborough County, FL	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer for this design-build project that involved the design and construction of a 10 MGD dual wet well, triplex diversion pump station, and demolishing and repurposing the existing Dale Mabry WWTP. Specific electrical components included two engine-driven backup pumps. The project also included a reclaimed water low-profile cascade aerator and dechlorination for surface water discharge to Brushy Creek. <input checked="" type="checkbox"/> Check if project performed with current firm		
e.	Western WTP Orange County, FL	2015	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical engineer for this project that included the 5KV power and distribution of normal and emergency power to the water facility motor, lighting, and miscellaneous loads. <input checked="" type="checkbox"/> Check if project performed with current firm		

Tab 4 - Team's Previous Experience/
Proficiency in Similar Projects

Tab 4 Team's Previous Experience/Proficiency in Similar Projects

CHA's Capabilities - Water/Wastewater Engineering Services

CHA prides itself on being a client service-oriented firm with expertise in municipal water, wastewater, and reclaimed water services equivalent to those proposed for this project. We provide either partial or full CEI services for projects that we design, as requested by the client. Through experience gained by providing utility engineering services, CHA has built a reputation for providing responsive service combined with deep technical capabilities. In addition to our reputation as a leading water, wastewater, and reclaimed water design, permitting, and construction management firm, CHA is a preferred consultant for many municipalities. **We currently hold over 50 continuing on-call contracts with public utilities in Florida for the same types of services proposed for this project.** Our clients call on us to complete their most challenging and high-profile projects. We encourage the city to contact the references listed within our response to learn more about how we deliver value to our clients.

This RFP lists various services that will be requested under this contract. CHA is well suited to deliver on the scope identified. Because CHA acquired Reiss Engineering, our legacy staff is laser-focused on water and wastewater projects located in Florida. The following content summarizes the experience and services we provide:

Water Experience

- ✓ **Master Planning and Feasibility Studies**
 - CHA has extensive experience in developing system-wide water master plans, using hydraulic modeling to define capital improvement plans, and rate studies to fund the capital construction projects.
- ✓ **Water Distribution and Storage**
 - CHA staff has planned, designed, permitted, and provided construction management to projects that delivered millions of feet of pipe, from small, 4-inch diameter pipe to large 54-inch diameter pipe using many types of pipe material and construction technologies, such as open-cut, horizontal directional drill (HDD) and jack-and-bore. System storage is essential for communities to meet peak demands and fire-fighting demands. CHA has incorporated system storage (ground and elevated) as a normal component of distribution attributes.
- ✓ **Water Treatment**
 - CHA has evaluated and designed municipal water treatment facilities using state-of-the-art treatment technologies for both groundwater and surface water supplies.

Wastewater Experience

- ✓ **Master Planning and Feasibility Studies**
 - CHA has extensive experience in developing system-wide wastewater master plans using hydraulic modeling to define capital improvement plans (CIPs) and rate studies to fund the capital construction projects.
- ✓ **Wastewater Collection Systems**
 - CHA has assisted many clients in the design, permitting, and construction management of projects that have included gravity sewer lines, pump stations, and force mains. Our experience includes hydraulic modeling, sanitary sewer evaluation surveys (SSES), infiltration and inflow (I/I) studies, sewer system repair and rehabilitation evaluations, and equalization basin design.
- ✓ **Wastewater Treatment**
 - CHA specializes in cost-effective treatment systems to meet today's increasingly stringent water quality regulations. We have designed, permitted, and provided construction management to both conventional and advanced treatment technologies.

Funding

- ✓ **Water and Wastewater Funding Assistance**
 - Securing funding for implementing water and wastewater projects is as important as the engineering for a successful project. CHA has helped secure millions of dollars in both grants and loans on behalf of our Florida clients.

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State)

Lakes of Aloma, Willa Springs and Deer Run Pump Stations Generators
Seminole and Orange Counties, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2015

CONSTRUCTION (if applicable)

2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

SSNOCWTA

b. POINT OF CONTACT NAME

Ed Gil de Rubio

c. POINT OF CONTACT TELEPHONE NUMBER

407.628.3419

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

SSNOCWTA provides the funding, planning, operating, and maintenance of a wastewater transmission system serving several major municipalities. SSNOCWTA's wastewater transmission system consists of 35 lift stations (design capacity of 47 MGD), more than 37 miles of force mains (4- to 42-inch diameter), and monitoring stations to transmit collected wastewater from the cities of Casselberry, Winter Park, Maitland, and Seminole County to the City of Orlando's Iron Bridge Regional Water Reclamation Facility (WRF). CHA provides engineering services related to general system condition, operation and maintenance (O&M), and engineering services required for repair and rehabilitation (R&R) and capital planning.

Each lift station is equipped with a backup generator to provide reliable service to the stakeholders and customers within the SSNOCWTA service area. SSNOCWTA has consistently remained proactive in prioritizing the necessary replacements and upgrades of these backup generators.

The Lakes of Aloma, Willa Springs, and Deer Run Pump Station Generator Replacement project included the design and construction oversight for three new emergency generators (one 80 kW and two 130 kW), a concrete pad, an automatic transfer switch, electrical improvements, and supervisory control and data acquisition (SCADA) improvements. Construction oversight included daily inspection logging, shop drawing review, request for information (RFI) review, and other necessary oversight.

RELEVANCE TO SCOPE

- ✓ Pump station electrical
- ✓ Construction oversight



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME CHA Consulting, Inc.	(2) FIRM LOCATION (City and State) Winter Springs, FL	(3) ROLE Prime
b.	(1) FIRM NAME EMI Consulting Specialties, Inc.	(2) FIRM LOCATION (City and State) Groveland, FL	(3) ROLE Subconsultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State)

Pump Station 357 Diesel Generator
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2019

CONSTRUCTION (if applicable)

2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

Thomas Menke, PE, Utilities
Engineering Section Manager

c. POINT OF CONTACT TELEPHONE NUMBER

727.453.3611

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

Pinellas County is a mature urban county. Most of the county's wastewater is collected and treated by a regional wastewater system. The county operates two of the largest wastewater treatment (or water reclamation) facilities, serving the most customers in the county. The county maintains over 1,458 miles of sewer line, maintains and operates over 289 pump stations, and has over 22,297 manholes in the collection system.

The county identified a concern with the performance of Pump Station (PS) 357 during periods of high flow. The existing PS 357 had a previous design capacity of 200 gpm at 61 feet total dynamic head (TDH). The existing 10 HP Flygt No. 3127 submersible pumps with Impeller No. 483 were inadequate to serve the system due to system pressures the pump must overcome. Another factor contributing to this hydraulic constraint is that PS 357 has an existing 6-inch ductile iron force main that manifolds into the existing 8-inch ductile iron force main, deriving from PS 448. PS 448 has larger 20 HP pumps with greater TDH than PS 357, causing the pumps at PS 357 to be pushed back on their curve, reducing flow from the pumps. These head conditions caused PS 357 to dead-head under high-flow conditions, resulting in negative impacts to county customers.

CHA completed a hydraulic model analysis during the preliminary design phase to evaluate multiple scenarios for proposed improvements. CHA completed drawdown testing to verify and calibrate the model to reflect actual conditions and ultimately select a pump that would not significantly affect other pump stations manifolded into the same force main. **Based on county preference, CHA additionally selected a diesel bypass pump to provide for emergency backup pumping.**

CHA provided subsequent detailed design services for the improvements, including two new submersible pumps, one engine-driven backup pump, discharge piping, valves, fittings, appurtenances, a concrete pad, rehabilitation of the existing wet well, electrical upgrades, valve vault repair, and temporary bypassing.

RELEVANCE TO SCOPE

- ✓ Engine-driven bypass pump
- ✓ Wastewater lift station



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CHA Consulting, Inc.	Tampa, FL	Prime
b.	EMI Consulting Specialties, Inc.	Groveland, FL	Subconsultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION (City and State)

Brushy Creek CEI and Diesel Generator
Hillsborough County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2019

CONSTRUCTION (if applicable)

2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Hillsborough County

b. POINT OF CONTACT NAME

George Cassady, Assistant County Administrator - Public Utilities

c. POINT OF CONTACT TELEPHONE NUMBER

813.272.5977 x43307

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

The Phase II Delwood Super Station project is one of three design-build projects for Hillsborough County under a program to consolidate three wastewater treatment facilities (WWTF) to one expanded facility and two master wastewater pump stations. This \$11 million project repurposed the Dale Mabry Advanced WWTF to a 10 MGD triplex master pump station, a 6 MGD reclaimed facility, and a public park.

CHA executed this local design-build project in close collaboration with Hillsborough County and the contractor to keep the WWTF fully operational until the new pump station, wastewater force main, and reclaimed water transmission mains were constructed and placed into operation. The design included installing wet wells partially submerged and partially aboveground to save significant long-term operation and maintenance costs. The design also reduced capital costs by requiring lower horsepower pumps and simplifying the construction due to less excavation and dewatering. The design approach also allowed the upstream lift stations to continue operating by more closely matching the original head conditions to the elevated headworks structure of the WWTF.

The project included domestic waste permitting through the Hillsborough County Environmental Protection Commission (EPC) and National Pollutant Discharge Elimination System (NPDES) permitting for a reclaimed water discharge through the Florida Department of Environmental Protection (FDEP) Southwest District. Additionally, the design-build delivery method was necessary to successfully execute a fast-tracked schedule and coordinate with the overall Northwest Consolidation Program, which defined the design, permitting, and construction to be completed within 21 months.

We calculated more than \$200,000 would be saved in power costs over 20 years as a result of our innovative design approach, in addition to the reduced noise nuisance to the surrounding neighborhood for depth and duration of dewatering during construction.

RELEVANCE TO SCOPE

- ✓ Engine-driven bypass pumps
- ✓ CEI services



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CHA Consulting, Inc.	Tampa, FL	Prime
b.	EMI Consulting Specialties, Inc.	Groveland, FL	Subconsultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State)

Wastewater Collection System Pipe Lining Rehabilitation Construction Management Services
Altamonte Springs, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018

CONSTRUCTION (if applicable)

2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Altamonte Springs

b. POINT OF CONTACT NAME

Kipton Lockcuff, PE, Division Director of Water Distribution & Collection

c. POINT OF CONTACT TELEPHONE NUMBER

407.571.8562

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

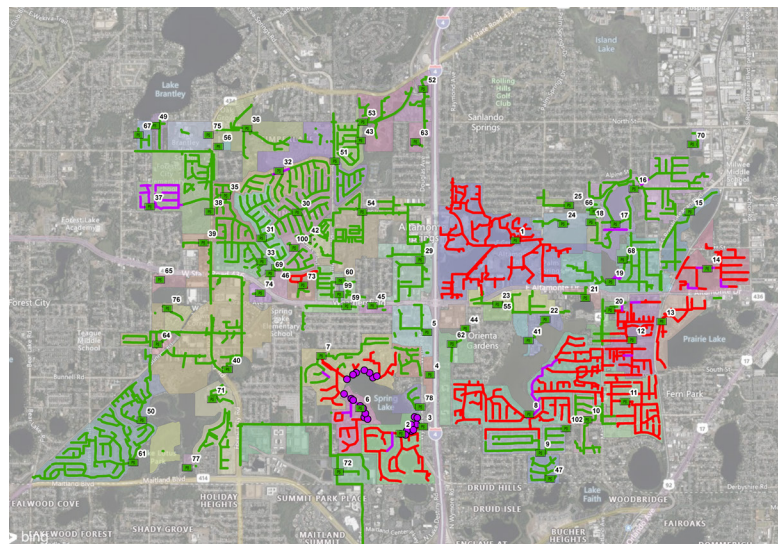
The City of Altamonte Springs owns and operates a 12.5 MGD regional WWTP that provides treatment of municipal sewage for the city and several adjacent communities in the area. The city, in compliance with a Florida Department of Environmental Protection (FDEP) consent order, evaluated and mitigated the I/I within the wastewater collection system. The city annually prepares and submits an I/I Field Work Implementation Plan detailing the efforts to mitigate I/I flow within the city's wastewater collection system. The city's I/I Field Work Implementation Plan details how the city appropriates capital to address I/I contributing wastewater collections infrastructure. To date and specifically related to this I/I mitigation initiative, the city has completed four years of I/I infrastructure rehabilitation totaling capital investments of over \$1.5M.

In addition to specific I/I concerns, the city was also interested in improving its wastewater collection system infrastructure. Most of the city's gravity piping is vitrified clay, which is nearing the end of its useful life. Replacement or structural lining of the clay gravity pipe will accomplish both infrastructure renewal and I/I reduction objectives. To date, the city has spent over \$1.5M on cured-in-place-pipe (CIPP) lining for the rehabilitation of existing clay piping and also invests significantly in other key collection system components, including manhole structures and customer lateral lines. Wastewater pump stations are addressed by a different city program and are not included in this project.

CHA provided extension of staff services to the city on this project, including contract management services with each of the selected contractors, providing fieldwork prioritization management services for implementation of the I/I fieldwork program, and performing I/I investigative fieldwork, including smoke testing services. Smoke testing services included planning, distribution of notification to affected properties, and subsequent reporting for recommended improvements.

RELEVANCE TO SCOPE

- ✓ Construction management services
- ✓ I/I infrastructure rehabilitation



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CHA Consulting, Inc.	Winter Springs, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

Water and Reclaimed Water Program Management
Clearwater, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

CONSTRUCTION (if applicable)

Ongoing

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

b. POINT OF CONTACT NAME

c. POINT OF CONTACT TELEPHONE NUMBER

City of Clearwater

Todd Kuhnel, Project Manager

727.562.4798

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

The City of Clearwater has embarked on a long-term, system-wide potable water and reclaimed water program that includes the conceptual routing, design, permitting, and construction services for pipeline improvements that are in keeping with the big-picture goal of renewing critical infrastructure and the assessment and replacement methods to minimize impacts to service and critical roadways. The city's vision is to complete a program where CHA will complete studies, design, resident project representative (RPR), and construction services for the following projects:

- Program management and as-needed utility engineering services
- Specifications, details, and continuing contractor assistance
- Fort Harrison Avenue water main hydraulic modeling evaluation
- SR 60 water main hydraulic modeling evaluation
- Reclaimed water quality investigations and GST evaluations
- Pipe inspection technology evaluation
- System-wide potable water main leak detection, technology evaluation, and bidding support
- Drew Street water main assessment of 3,150 feet of 8-inch pipe
- Spring Creek water main replacement of aerial crossing
- Memorial Causeway reclaimed water mains replacement of 8-inch cast iron pipe
- Various water and reclaimed water main and valve replacements
- Perform additional hydraulic and water quality modeling
- Complete pipeline assessments to prioritize and determine the amount of pipe to replace
- Reclaimed water main looping at Drew Street, Martin Luther King, Jr. Avenue, Druid Road, and Memorial Causeway (total ~5,200 feet) of various-sized reclaimed water main
- Various potable water piping replacement, relocation, looping, upsizing, and abandonment projects (total ~23,200 feet) at 35 locations throughout the city based on priority projects identified
- Imagine Clearwater water main conflict as-needed hydraulic modeling and design

RELEVANCE TO SCOPE

- ✓ Construction management services

The six-year program is currently underway and will replace a significant amount of the city's potable water and reclaimed water piping system.

To support the city, CHA is providing full-time RPR services, including full-time field site inspection and contract support. This includes project work order coordination, work order cost estimate review, pay application review, shop drawing review, RFIs, as-needed permitting, and other ancillary support to the city to verify the successful execution of construction.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CHA Consulting, Inc.	Tampa, FL	Prime
b.	EMI Consulting Specialties, Inc.	Groveland, FL	Subconsultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION (City and State)

Wastewater Program Management Contract
Clearwater, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION (if applicable)

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Clearwater

b. POINT OF CONTACT NAME

Todd Kuhnel, Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

727.562.4798

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

The City of Clearwater's wastewater collection system consists of three service basins that flow to three WRFs: Marshall Street WRF, East WRF, and Northeast WRF. The collection system includes approximately 8,300 manholes, 370 miles of gravity sewers, 38 miles of force main, and 73 lift stations. The city identified multiple wastewater collection system-related CIP tasks with a combined budget of approximately \$105M for 2020 through 2025. Approximately \$21M is intended for projects that require design and CEI services (the total also includes construction costs); the remaining \$84M is intended for the city's current sewer repair contracts that have a combined annual total of \$14M for 2020 through 2025. To verify the proper completion of the work associated with these contracts, **CHA was tasked as part of a team to assist the city in overseeing these contracts, including performing all CEI-related services.**

RELEVANCE TO SCOPE

- ✓ CEI
- ✓ RPR support
- ✓ Wastewater collection system improvements

Specific construction oversight projects include sewer lateral replacements; sewer point repairs, including an emergency repair of gravity main failure in a high-traffic county roadway; oversight of manhole repair, lining, and rehabilitation; and restoration oversight. CHA has developed a strong working relationship with the city and contractor to relieve the city's workload where possible, helping with staffing shortages.

To support the city, CHA provides work order reviews, pay application reviews, RFI and shop drawing reviews, and other in-field reviews/approvals. To document all activities, CHA completes daily inspection forms, which detail the work completed, site conditions, staff present, and other necessary details. CHA's RPR support has assisted the city in verifying that all repairs, lining, installations, and other wastewater projects are being completed according to city standards.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CHA Consulting, Inc.	Tampa, FL	Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION (City and State)

Pineda Causeway Water Transmission Mains
Melbourne and Cocoa, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION (if applicable)

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Melbourne

b. POINT OF CONTACT NAME

Jennifer Spagnoli, PE, Assistant
Public Works and Utilities Director

c. POINT OF CONTACT TELEPHONE NUMBER

321.608.5000

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

The City of Melbourne's water distribution system includes two water main crossings from the mainland, across the intracoastal waterway (Indian River Lagoon), to the barrier island "beach-side" of the system, providing potable water services to beach-side customers. The increasing age of the existing pipeline crossings raised concerns regarding water transmission redundancy and reliability. Studies indicated the best location for a third water main crossing was at the northern extremity of the distribution system near Pineda Causeway, "looping" the north ends of the system to improve water quality and provide operational flexibility and reliability.

The City of Cocoa, located to the north of Melbourne, had similar concerns regarding the redundancy and reliability at the southernmost portion of their distribution system, which is also near Pineda Causeway and feeds water to the Patrick Space Force Base and other customers on the barrier island. The City of Cocoa entered into a Joint Project Agreement (JPA) with the City of Melbourne to have CHA complete permitting and design of an additional water main crossing to tie into the City of Cocoa's water distribution system within the same Pineda Causeway corridor as the City of Melbourne's pipeline.

This partnership provided both communities with significant cost savings due to shared geotechnical investigations, land and river surveys, ecological data gathering, and impact assessment in support of permitting with the U.S. Army Corps of Engineers (USACE), the Florida Department of Transportation (FDOT), and the Florida Department of Environmental Protection (FDEP), and for engineering design, procurement services, and construction planning preparation.

This project includes 39,800 feet of 16-inch water main with nine long, subaqueous directional drills that will cross beneath the Indian River and Banana River. The Melbourne portion of the project is comprised of 20,400 feet of pipeline with five horizontal directional drills, and the Cocoa portion of the project is comprised of 19,400 feet of pipeline with four horizontal directional drills. Pipe materials of construction will be a combination of fusible PVC, HDPE and ductile iron. Once completed, this project will provide improved reliability of potable water flows, pressures and quality to residences, businesses and a Space Force Base along a 40-mile stretch of Brevard County's barrier island, south of Cape Canaveral. The length of the directional drills and the navigable and sensitive estuarine environment the subaqueous crossings will pass beneath added complexity to the design, permitting and contractor procurement process. The directional drills on the project range from 1,000 feet to over 6,000 feet, leading to specification of fusible PVC for the subaqueous portions of the pipes due to its added structural integrity and tensile strength. Few contractors in the United States have proven experience installing directionally drilled subaqueous water mains of this length. CHA staff worked closely with the City of Melbourne and City of Cocoa staff to develop and execute a significant contractor prequalification process prior to bidding.

During construction, CHA is providing full-time RPR support. This includes monthly construction progress reports, submittal reviews, reviewing pay applications, reviewing RFIs, ongoing construction inspection, and SRF loan compliance support.

RELEVANCE TO SCOPE

- ✓ Construction administration services
- ✓ RPR services
- ✓ SRF funding assistance



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CHA Consulting, Inc.	Melbourne, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION (City and State)

Large-Diameter Gravity Line Cleaning and CCTV
Largo, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2019

CONSTRUCTION (if applicable)

2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Largo

b. POINT OF CONTACT NAME

William Brown, Environmental Services Assistant Director

c. POINT OF CONTACT TELEPHONE NUMBER

727.507.4465

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

Since 1905, the City of Largo has been a focal point as the fourth largest city within the Tampa Bay area, servicing more than 80,000 residents through 236,600 feet of wastewater force mains, 53 wastewater pump stations, 227,100 feet of reclaimed water pressure pipes, and three reclaimed pumping facilities. The city is committed to providing reliable and quality utility service to its residents, making public trust a priority.

The city completed extensive repairs to its wastewater collection system by lining a vast amount of the system to address I/I. However, staff still had concerns regarding localized depressions and leaking liners. In 2017, the city selected Granite Inliner (Granite), *formerly Layne Inliner*, to perform cleaning and closed-circuit television (CCTV) inspection on approximately 48,500 feet of sanitary sewer interceptors ranging from 18 to 30 inches in diameter. The inspections were completed to identify areas of concern regarding defects, cracks, I/I, and potential lining failures, along with quantifying the amount and type of debris encountered within the sanitary system. This information was used to assist the city in developing a cleaning and maintenance program.

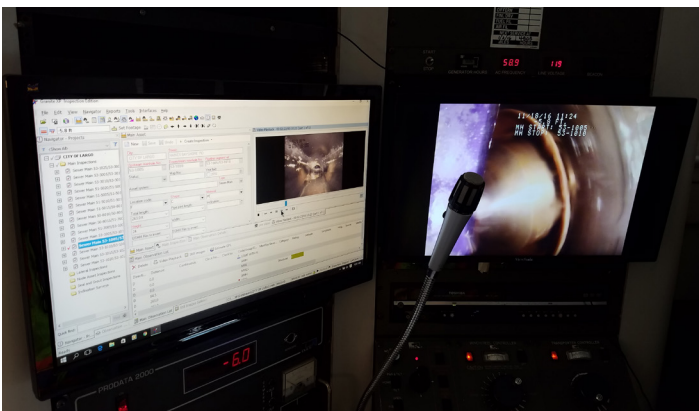
In 2018, Granite continued the cleaning and CCTV inspection program, completing approximately 42,530 feet of sanitary sewer interceptors, ranging in size from 8 to 42 inches in diameter and 98 nearby manholes. The city planned to clean and inspect all its gravity mains and develop an ongoing program to track debris accumulation. The program helps city staff track defects to determine if replacement, point repair, or lining with CIPP is needed. Once all the mains were cleaned, the city used the data to determine a cleaning frequency to remove debris continuously.

To address localized depressions, leaking liner concerns, and to act as **an extension of staff for the city, CHA provided professional inspection oversight services**, including providing guidance to the city inspector that was overseeing the contractor executing the cleaning and CCTV inspection of its sanitary sewer interceptor pipelines and associated manholes.

The inspections completed were according to the NASSCO PACP and MACP standards. Ultimately, 137 defects were located, with only 17 being more significant structural issues requiring repair. The cleaning completed resulted in over 612,000 pounds (lbs) (35 lbs per foot inspected) of debris being collected and disposed of to restore available capacity of the gravity mains.

RELEVANCE TO SCOPE

- ✓ CCTV inspection
- ✓ Contractor oversight



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	CHA Consulting, Inc.	Tampa, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (City and State)

Pump Station Regulatory Evaluation
Pinellas County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018

CONSTRUCTION (if applicable)

N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Pinellas County

b. POINT OF CONTACT NAME

Thomas Menke, PE, Utilities
Engineering Section Manager

c. POINT OF CONTACT TELEPHONE NUMBER

727.453.3611

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

Pinellas County supplies more than 900,000 residents and visitors with potable drinking water. The Keller Water Treatment Facility (WTF) is a major component of the county's water supply and is responsible for treating and distributing approximately 50-55 MGD of potable water. Most of the county's wastewater is collected and treated by a regional wastewater system. The county operates two of the largest wastewater treatment (or water reclamation) facilities, serving the most customers in the county. The county maintains over 1,458 miles of sewer line, maintains and operates over 289 pump stations, and has over 22,297 manholes in the collection system.

In 2017, Hurricane Irma caused significant power outages for a large portion of Pinellas County beginning on September 11. These power outages resulted in many county pump stations losing power, resulting in some cases of sanitary sewer overflows (SSOs). Once it was safe to travel to pump stations, the county quickly mitigated the loss of power with portable generators, tanker trucks, and engine-driven pumps.

To prepare for future emergency events and situations, prevent SSOs, and limit customer service interruptions, CHA evaluated the requirements of Rule 62-604.400, F.A.C. This rule includes design and performance considerations, such as proximity to potable wells, provision of back-up power or pumping, design to deliberately exclude the introduction of non-wastewater intrusion, protection from surge, and protection from the 100-year flood plain, etc.

To evaluate these components, CHA developed a spreadsheet-based checklist to document compliance, sorting through existing data on all county pump stations, conducting workshops to review data gaps with county field staff, completing site visits to verify compliance where needed, and summarizing all findings in a technical memorandum.

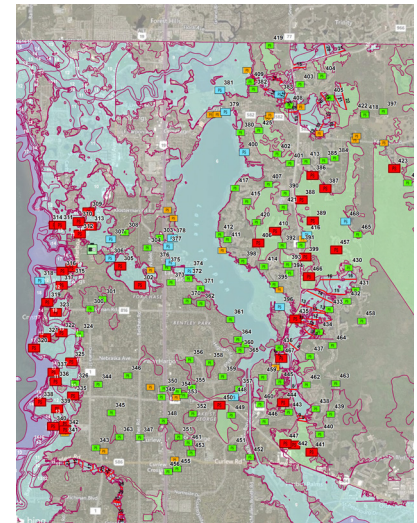
Overall, Pinellas County's pump stations are in good condition concerning meeting the requirements of 62-604.400, F.A.C. All pump stations are protected with lightning/surge arrestors, located over one hundred feet away from any potable drinking water well, and provide some option of connection to back-up power or bypass pumping, whether it be by generator plug, bypass connection in the valve vault, or bypass connection from the wet well.

The most apparent non-compliant section of 62-604.400, F.A.C. is Section 2.e., protection against the 100-year floodplain. The county has a large number of pump stations located in coastal areas located below the 100-year floodplain. Of the 108 pump stations with electrical equipment below the 100-year floodplain, 64% are greater than three feet below the 100-year floodplain. The county currently constructs wet wells above the level of the surrounding grade to prevent surface water from standing on the wet well hatches and raises wet wells where possible in areas that regularly experience localized flooding to preclude introduction of I/I.

CHA provided the county with a clear path forward for completing remediation projects to bring non-compliant pump stations into compliance.

RELEVANCE TO SCOPE

- ✓ Pump station inspection
- ✓ Regulatory evaluation



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	CHA Consulting, Inc.	Tampa, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

Ernie Caldwell Reclaimed Water Main Improvements - Phase II
Polk County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2022

CONSTRUCTION (if applicable)

2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Polk County Utilities

b. POINT OF CONTACT NAME

Tamara Richardson, Director

c. POINT OF CONTACT TELEPHONE NUMBER

863.298.4214

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

The 2016 Northeast Regional Utility Service Area (NERUSA) Water, Wastewater and Reclaimed Water Master Plan Update identified reclaimed water main extensions along Ernie Caldwell Boulevard (ECB) and US 17/92 to serve future development in these corridors. Phase 1 of the ECB Reclaimed Water Main Improvements (NERUSA Master Plan RW2) consisted of extending a 20-inch reclaimed water main along ECB from Posner Park to approximately 2,500 feet west of Pine Tree Trail. Ernie Caldwell Reclaimed Water Main Improvements Phase 2 completes a loop of the reclaimed water system in this portion of the NERUSA. The project (NERUSA Master Plan RW6 and RW31) consisted of approximately 16,100 feet of reclaimed water main within the ECB corridor extending from west of Pine Tree Trail to US 17-92, and 4,300 feet of reclaimed water main within the US 17-92 corridor from ECB north to Sunny Acres Road.

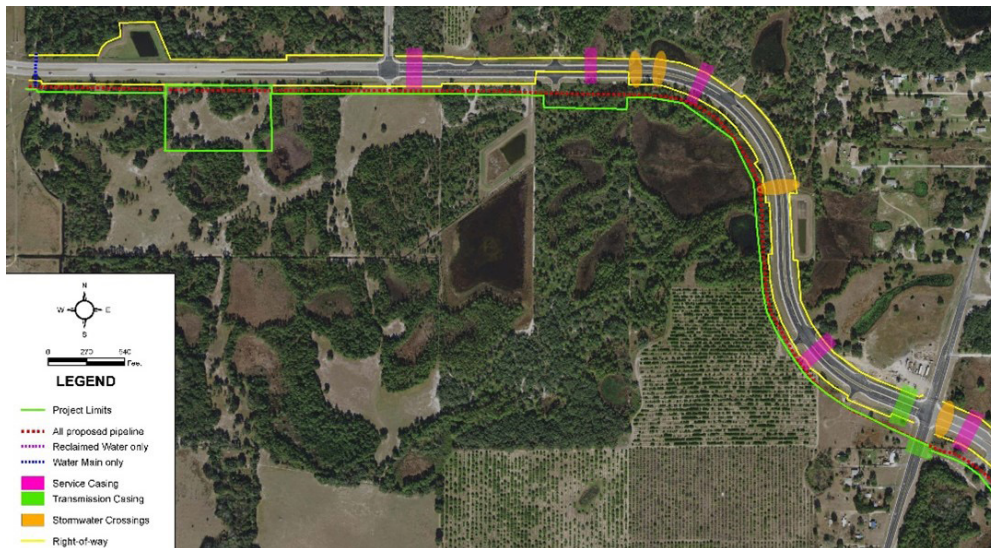
RELEVANCE TO SCOPE

✓ CEI

In addition to the reclaimed water main improvements identified above, CHA provided preliminary design services for future potable water and wastewater main extensions in the ECB corridor to coordinate these improvements with the Phase 2 reclaimed water main improvements. The county also requested that CHA provide preliminary design services for a future master triplex pump station (plumbed for a quadplex) to be located on the south side of ECB, west of Pine Tree Trail.

The project included stub-outs to future developments within the ECB corridor. The county indicated a desire to pursue a 20-foot-wide easement along the south side of the ECB ROW to accommodate the alignment of the proposed utilities in this corridor.

CHA provided CEI services after design completion, including submittal review, RFI review, pay application review, and construction oversight. CHA assisted the contractor with quick response to field issues, including unknown utility conflicts and coordinating with FDOT.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	CHA Consulting, Inc.	Tampa, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (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
Weston Hagggen, PE, DBIA, ENV SP, PMP	Project Manager	X	X	X	X	X	X	X	X	X	X
Barton Jones, PE	Client Service Manager					X					
Allen Dethloff, PE	Quality Manager		X	X		X	X		X	X	X
Kerry Wulff	CEI Lead					X					X
Jeffrey Robitaille	CEI					X					X
Lucas Parmer, EI	CEI					X					X
Charles Warren	CEI								X		
Emily Williamson, PE	Lead Project Engineer	X	X	X		X	X		X	X	X
Stefano Ceriana, PE, LEED AP	Project Engineer	X				X					X
Mark Worsham, PE	Project Engineer			X				X			
Willard "Pete" Hoanshelt, PE (EMI)	Electrical Engineer	X	X	X		X					

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	SSNOCWTA, Seminole and Orange Counties, FL, Lakes of Aloma, Willa Springs and Deer Run Pump Stations Generators	6	City of Clearwater, FL, Wastewater Program Management Contract
2	Pinellas County, FL, LS 357 Diesel Generator	7	City of Melbourne, FL, Pineda Causeway Water Transmission Mains
3	Hillsborough County, FL, Brushy Creek CEI and Diesel Generator	8	City of Largo, FL, Large-Diameter Gravity Line Cleaning and CCTV
4	City of Altamonte Springs, FL, Lining CEI	9	Pinellas County, FL, Pump Station Regulatory Evaluation
5	City of Clearwater, FL, Water and Reclaimed Water Program Management	10	Polk County Utilities, FL, Ernie Caldwell Reclaimed Water Main Improvements - Phase II

Tab 5 - Management Approach/
Project Control

Tab 5 Management Approach/Project Control

Background and Understanding

The City of North Port has received two Community Development Block Grants (CDBGs) in support of this CEI project. Each Grant project will be administered separately. CEI efforts will encompass the diesel bypass pump installations and the I/I mitigation effort using cured-in-place pipe (CIPP) lining and appropriate manhole rehabilitation methods. The city intends to use its standard details and specifications to execute the two projects. We believe some professional engineering effort will be required to facilitate construction. **While the RFP infers there are no construction drawings available, an engineer may be required to design the actual “in-field” connection points and supervisory control and data acquisition (SCADA) interconnections. An engineer may also need to verify the bypass pump design conditions, as the total dynamic head (TDH) will be a function of the final piping configuration.** Professional engineering design services will only be performed at the direction of the city.

For I/I mitigation projects, including CIPP, manhole rehabilitation/lining, and other activities, CHA can provide support services at the discretion of the city. These services include reviewing existing data to prioritize phasing and the completion of lining and rehabilitation activities.



CONSTRUCTION-PHASE SERVICES. After the projects have been bid and contractors have been selected, CHA will work with the city and the contractors to verify that the highest-quality product will be placed into service. Typically, the

CHA team will assist the city in providing the following services during the construction phase of the project:

- ✓ Conduct pre-construction conferences for each project
- ✓ Hold monthly progress meetings for each project
- ✓ Respond to contractor requests for information (RFIs)
- ✓ Review shop drawings
- ✓ Process pay-applications
- ✓ Provide resident project representative (RPR) services
- ✓ Perform “Davis-Bacon” and “Copeland” Acts compliance monitoring
- ✓ Perform substantial and final inspections
- ✓ Closeout construction

During construction, the CHA team will be involved in activities that provide the city with a project that is constructed according to the city’s standard plans and specifications. We are prepared to provide the following services during the construction phase of the project based on the city’s needs and desires:

Resident Project Representative (RPR) Services - The RPR will act as the city’s primary liaison during construction. The RPR will be responsible for observing the contractor’s work, providing responses to the contractor’s questions, communicating interpretations of the contract documents,

conducting and documenting progress meetings, performing compliance monitoring, recommending pay applications, and reviewing change order requests. When the RPR determines there is a need in the field for a field engineer, a site visit will be arranged.

For lining and rehabilitation projects, CHA’s proposed project manager, Weston Haggen, is NASSCO PACP, MACP, and LACP certified and familiar with the gravity main inspection process. CHA will verify that all lining activities are completed according to the city’s specifications, including the pre-installation CCTV inspection, pre-installation cleaning and preparation/placement of the liner and curing, reconnection of services using remote cutting devices, and final field testing. CHA will thoroughly review the liner inspection CCTV to verify that there are no wrinkles, lifts, cracks, or other defects.

Pre-Construction and Progress Meetings - Each construction project will commence with a pre-construction meeting. The purposes of this meeting are to establish all of the ground rules for the project and communication protocols, discuss contract requirements, and get the project off to a good start. CHA’s project manager and RPR will participate in this meeting with other team members (city/CHA) as deemed appropriate. The RPR and contractors will typically hold weekly meetings to plan the work to be accomplished over the next week and look out over the next two to three weeks to anticipate issues that may need to be resolved. Monthly progress meetings will be conducted and are more widely attended. Topics that are typically discussed at the progress meetings include:

- ✓ Evaluating the contractor’s progress
- ✓ Analyzing the schedule and making modifications as necessary
- ✓ Shop drawing status
- ✓ RFI status
- ✓ Contractor concerns
- ✓ City concerns
- ✓ CHA concerns

The RPR will prepare minutes for all meetings conducted with the contractors. The minutes will be distributed as directed by the city.

Shop Drawing Review - The CHA team will be responsible for reviewing shop drawings. Generally, the shop drawings will be logged in CHA’s Tampa office and distributed to the applicable reviewer(s). The goal is to thoroughly review the shop drawings in the shortest time possible. The team’s “Shop Drawing Tracking Program” will advise CHA’s and the city’s project manager as the due date for the submittal approaches; this way, the review process can be managed effectively. After our team’s review has been completed, the shop drawings will be logged out and distributed to the various recipients.

POST-CONSTRUCTION OR STARTUP-PHASE SERVICES.

Before the diesel bypass pump startup, the CHA team will complete the following activities to familiarize the operations staff with the proper operations and maintenance (O&M) of the new improvements:

- ✓ CHA will prepare an O&M manual that will be used as the basis for training provided by the equipment manufacturers.
- ✓ Pre-operational testing will be completed where the equipment manufacturers check their equipment to verify it has been installed properly. Adjustments to the equipment are made if needed. The manufacturer also confirms that the equipment is ready to be placed into operation.
- ✓ Manufacturers' training on the proper O&M of the equipment will be provided.
- ✓ Valves will be manipulated to verify they are operational within the specified amount of force.
- ✓ The proper operation of automatic controls will be demonstrated.
- ✓ Alarm conditions will be simulated and checked for proper annunciation.
- ✓ Pumps and other equipment will be field-tested to confirm performance.

At the successful conclusion of startup testing, a request for approval to place the new facilities into operation will be submitted to FDEP. Site visits and inspections will be performed to verify conformance with the contract documents. Once FDEP has granted its permission, CHA will assist the city with its process for certifying substantial

and final completion. The city's operational staff will take over the O&M activities. Our goal is to help make the transition smooth.

RECORD DRAWINGS. CHA will prepare record drawings using the contractor's mark-ups for the diesel bypass pump installations and the I/I CIPP mitigation efforts. The RPR will monitor the status of the record drawings throughout the project to verify the contractor is managing the drawings properly. The record drawing annotations will be completed electronically. The record drawings may be furnished to the city in hard copy media and electronic format.

CHA ACCESSIBILITY. CHA's Tampa office will be responsible for successfully completing the projects. Our office is located approximately one hour (drive time) from the City of North Port's Utility Administration office. We commit to being readily available for meetings, general communications, coordination, and supervision. We plan to attend all pre-scheduled meetings in-person and will be available for video conferencing to address any issues that may arise outside of the scheduled meetings. As COVID-19 proved, all parties can be efficient in electronic meetings. We will endeavor to have the project manager and/or RPR available for electronic meetings in a timely fashion if required. Because CHA assigns CEI field personnel far in advance and our staff is mostly committed, we propose to staff your CEI project with more than one person. We have identified the primary CEI field staff that will be available for most of the project timeline in Tab 3.



Tab 6 - References

Tab 6 References

We believe the ultimate success of our projects is entirely dependent on our clients' satisfaction, perspective, and impressions. Perhaps the best evidence of our team's focus on client service and total quality management is our reputation for excellence gained through our previous projects. We have provided letters of reference and client testimonials received from clients in Tab 8 for which CHA has provided similar services. We feel confident that our clients speak highly of our personal and professional integrity, and the included statements act as evidence of our team's abilities. Additional references are included in Tab 9 on the provided References Form.

SOUTH SEMINOLE AND NORTH ORANGE COUNTY WASTEWATER TRANSMISSION AUTHORITY (SSNOCWTA)

Owner's Representative Services Continuing Contract

Ed Gil de Rubio, Executive Director
410 Lake Howell Road, Maitland, FL 32751
T: 407.628.3419 | F: N/A | director@ssnocwta.com

Performance Period: 2009 - Present | **CHA Fee:** Varies (~\$20K-\$300K) | **Construction Cost:** Varies

Key Personnel Involved: Weston Haggen, Stefano Ceriana, Emily Williamson

Services Provided: CHA serves as the owner's engineer and **extension of staff**. Some projects under this contract include: Eagle Circle Force Main Pipeline Replacement, Interlachen Force Main Replacement, SR 436/Red Bug Lake Road Flyover, SR 426 and Dean Road Gravity Main Improvements, SR 426 Avenue Force Main Replacement, Five Points and Consumers Pump Station Rehabilitations, Sagittarius Pump Station Rehabilitation, Marigold Master Pump Station Rehabilitation, Tuskawilla Point Pump Station Rehabilitation, Lakes of Aloma Pump Station Rehabilitation, and more.



POLK COUNTY UTILITIES

Ernie Caldwell Reclaimed Water Main Improvements - Phase II

Tamara Richardson, Director
1011 Jim Keene Boulevard, Winter Haven, FL 33880
T: 863.298.4214 | F: N/A | tamararichardson@polk-county.net

Performance Period: 2019 - 2022 | **CHA Fee:** \$184,642 | **Construction Cost:** ~\$3.1M

Key Personnel Involved: Weston Haggen, Kerry Wulff, Allen Dethloff, Jeffrey Robitaille, Lucas Parmer, Emily Williamson, Stefano Ceriana

Services Provided: CHA provided design, permitting, and **construction administration services** for approximately 16,100 feet of reclaimed water main within the ECB corridor extending from west of Pine Tree Trail to US 17-92, and 4,300 feet of reclaimed water main within the US 17-92 corridor from ECB north to Sunny Acres Road. CHA also provided preliminary design for a future master triplex pump station to be located on the south side of ECB.



CITY OF CLEARWATER

Water and Reclaimed Water Program Management Continuing Contract

Todd Kuhnel, City Project Manager
112 S Osceola Avenue, Clearwater, FL 33756
T: 727.562.4798 | F: N/A | todd.kuhnel@myclearwater.com

Performance Period: 2019 - Present (Est. 2025) | **CHA Fee:** Varies - Program limit ~\$4.18M over 6 years | **Construction Cost:** Varies

Key Personnel Involved: Weston Haggen, Kerry Wulff, Barton Jones, Allen Dethloff, Jeffrey Robitaille, Lucas Parmer, Emily Williamson

Services Provided: The city has embarked on a long-term, system-wide potable water and reclaimed water main assessment and replacement program with CHA. The city's vision is a program where CHA will complete studies, design, **RPR, and construction administration services** for the following early projects: looping of various dead-end water and reclaimed water lines to enhance water quality; South Fort Harrison Avenue water main replacement of 2,500 feet of 6- and 8-inch cast-iron pipe; SR 60 water main replacement of 10,700 feet of 20-inch concrete pipe; Drew Street water main replacement of 3,150 feet of 6-inch cast-iron pipe; Spring Creek water main replacement of aerial crossing at Betty Lane; Memorial Causeway reclaimed water main replacement of 8-inch cast-iron pipe; and performing additional hydraulic and water quality modeling services.



Tab 7 - Litigation and Insurance

Tab 7 Litigation and Insurance

Litigation Statement

CHA is a large professional engineering firm with more than 40 offices throughout the United States and Canada. CHA performs thousands of projects each year. CHA's involvement in legal claims and lawsuits is remarkably infrequent for a firm of its size and diversity, due chiefly to its competent and well-trained staff and its rigorous and comprehensive Quality Management System (QMS). CHA has not been involved in any criminal matters and has never had any judgments entered against the firm or any litigation matters involving any federal, state, or local public entity in Florida. However, claims against CHA do occur, and CHA has from time to time been involved in ordinary civil litigation in the course of its 70 years in the engineering business. CHA is confident in its ability to successfully defend or settle all such outstanding claims on favorable terms. Furthermore, to protect CHA and its clients, CHA always maintains a comprehensive insurance program which includes professional liability, workers' compensation, comprehensive general liability, automobile, and umbrella policies, with limits sufficient to cover the defense and payment of all outstanding claims against CHA. In the opinion of CHA's management, no claim or lawsuit currently pending against CHA will materially affect CHA's ability to perform any ongoing or potential future project.

Tab 8 - Additional Information

Tab 8

Tab 8 Additional Information

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

***CHA acquired Reiss Engineering in 2021.**



SOUTH SEMINOLE & NORTH ORANGE COUNTY WASTEWATER TRANSMISSION AUTHORITY

410 Lake Howell Road Maitland, FL 32751-5907

RE: Letter of Recommendation

To Whom It May Concern:

It gives me great pleasure to write this "Letter of Recommendation" for Reiss Engineering Inc. (REI). Since 2009, REI has been a trusted partner for the South Seminole & North Orange County Wastewater Transmission Authority (SSNOCWTA). REI has continually met schedule and budget commitments, while delivering the quality results they have promised. Some of the various wastewater engineering services REI has provided to SSNOCWTA include:

- Design, engineering, and construction inspection services for force main repairs and replacements. Pump station repairs, maintenance, and rehabilitations;
- Engineering services as requested regarding general system conditions, operation, and maintenance, including semi-annual pump station functional tests;
- Engineering services as required for pump station upgrades and improvements;
- Hydraulic modeling;
- Master Plan updates and the design and implementation of a CIP program;
- Preparation of grants and permits to construct and maintain sections of the transmission system;
- Engineering services as required during emergencies, including, but not limited to, loss of power, pump station overflows, outside contractor impacts, and infrastructure issues.

REI is a quality service provider that has a team \ common sense approach to resolving issues. We have enjoyed working with their personnel and continue to be impressed with their enthusiasm and expertise. We look forward to continually work with REI on future projects.

Sincerely,

Ed Gil de Rubio
Executive Director
(407) 628-0153

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

***CHA acquired Reiss Engineering in 2021.**

Tamara Richardson, P.E.
Director

1011 Jim Keene Blvd., SR 540
Winter Haven, Florida 33880



Board of County Commissioners

PHONE: 863-298-4100
FAX: 863-298-4292
www.polk-county.net

UTILITIES DIVISION

RE: Reiss Engineering, Inc. Reference

To Whom it May Concern:

Polk County Utilities began our relationship with Reiss Engineering, Inc. (Reiss) in February 2008 with a successful regional water supply plan that led to the initiation of the Polk Regional Water Cooperative. This introductory task was well executed and the County encouraged Reiss to submit for a continuing services contract which was subsequently awarded in 2010. Since then Reiss has provided professional engineering services in connection with the design, permitting, planning, and construction phase services for water, wastewater, and reclaim water facilities located within Polk County.

In addition to task orders assigned under these contracts, Reiss has completed large capital improvement projects for the County, including the following:

Northwest Regional Utility Service Area Wastewater Treatment Facility Improvements and Expansion which included preliminary engineering, permitting, final design, bidding, and construction administration services for the improvements to the hydraulic issues within the existing facility;

NWRUSA WWTF Aquifer Storage and Recovery Facility which included one of the deepest ASR wells in the United States. Reiss helped to obtain the well construction permit from SWFWMD, prepared the FDEP Class V Injection Well Construction Permit Application and completed the final design, bidding, and construction services; and

Lift Station No. 106 Rehabilitation which included design and construction services to improve the wastewater collection system and to meet future system demand.

Other capital projects Reiss is currently performing or close to completing include:

- Central Regional Utility Service Area (CRUSA) Water Production Facility (New 4.0 MGD Advanced Water Treatment Plant)
- Ernie Caldwell Reclaimed Water Main Improvements
- Northwest Regional WWTF Headworks Improvements

Reiss has executed these projects to the satisfaction of Polk County Utilities. The Reiss project management and design team maintained excellent communication throughout the project life cycle so that crucial decisions and County preferences were incorporated to our expectations. Projects were delivered successfully on time and on budget.

Reiss' staff has a well proven success record with the County and continues to deliver quality service on projects as well professional interaction with Reiss' staff - from junior engineers to project and client managers, field engineers, and operational staff.

I am pleased to offer my recommendation for Reiss Engineering, Inc. Their staff have been highly professional, skilled and responsive to PCU on a range of assignments over a period of more than ten years.

Sincerely,
Polk County Utilities

Tamara Richardson, PE
Director

COMMISSIONERS: George Lindsey III, Chairman • Rick Wilson • Bill Braswell • Martha Santiago • John Hall, Vice Chairman

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

**CHA acquired Reiss Engineering in 2021.*



CITY OF CLEARWATER

POST OFFICE BOX 4748, CLEARWATER, FLORIDA 33758-4748
MUNICIPAL SERVICES BUILDING, 100 SOUTH MYRTLE AVENUE, SUITE 220, CLEARWATER, FLORIDA 33756
TELEPHONE (727) 562-4750 FAX (727) 562-4755

ENGINEERING DEPARTMENT

RE: Letter of Recommendation

To Whom It May Concern:

On behalf of the City of Clearwater Engineering Department, I write this letter with the highest recommendations for Reiss Engineering, Inc. regarding the effective quality engineering support provided on our Reservoir No. 2 Brackish Water Treatment Plant Expansion Miscellaneous Engineering and Construction Services project.

While working on this project, Reiss Engineering has maintained responsibility for engineer of record, technical design, and construction services for four (4) Water Treatment Plant No. 2 projects listed below.

- Remote Well Facilities Expansion
- Raw Water Transmission Main US19 Crossing
- Raw Water Transmission Main Expansion
- Reverse Osmosis Water Treatment Plant Expansion

In addition to the reverse osmosis, ozone, raw water wells, and pipeline designs, some unique components of the project included working on a small site and minimizing odor to a neighboring apartment complex, incorporating additional storage and chemical facilities on site, Convault fuel tank design, emergency generator, deep well concentrate disposal, and assessing impacts to the distribution system using hydraulic model simulations. Reiss Engineering continues to meet the schedule commitments and maintain open and effective communication on this project. Overall, their team is built of experienced, trusted, and dedicated employees and I would not hesitate to hire them again for a future project.

If you have any questions or need any additional information, please feel free to contact me at (727) 562-4608.

Sincerely,

Handwritten signature of Robert S. Fahey in blue ink.

Robert S. Fahey, P.E.
Utilities Engineering Manager



"EQUAL EMPLOYMENT AND AFFIRMATIVE ACTION EMPLOYER"



**CHA acquired Reiss Engineering in 2021.*

HAINES CITY

WWW.HAINESCITY.COM

RE: Letter of Recommendation for Reiss Engineering, Inc. Consulting and Engineering Services

To Whom It May Concern:

Reiss Engineering, Inc. (Reiss) has been providing a variety of engineering, design, permitting, and construction management related services to support our growing utilities since 2012. On the behalf of the City of Haines City, I write this letter with the highest recommendation for Reiss. They have continually met schedule and budget commitments while delivering quality results and deliverables. Some of the projects Reiss has performed with the City include:

- SR 17 Utility Main Relocation and Replacement
- Reclaimed Water Ground Storage Tank, Pump Station and RIBS Study
- Preliminary Design of Reclaimed Water Improvements
- Lake Eva Recharge (RIB) Feasibility Study
- Engineering Services for Reclaimed Water Disposal to Sprayfields
- Final Design of Reclaimed Water Ground Storage Tank and Pump Station Upgrades
- Miscellaneous Engineering Support for Water, Wastewater and Reclaimed Water Tasks
- SRF Funding Assistance for Force Main and Lift Station Improvements
- Nola Properties Pipeline and Sprayfields
- WWTP Biological Treatment Process Improvements
- Revised Stormwater Pond Design
- Lake Eva Monitoring Well Instrumentation Support
- Disc Filter Retrofit at WWTP
- WWTP Expansion SRF Facilities Plan
- Grant Application Support Services

Reiss has assisted the City with critical professional engineering services on several important projects, as previously mentioned, including supporting the City with respect to the identification and implementation of additional beneficial reclaimed water disposal options to help eliminate a key constraint with respect to wastewater treatment capacity. They also assisted with obtaining 75% cost share funding from the Southwest Florida Water Management District for City's Reclaimed Water Ground Storage Tank and Pump Station. Services currently being provided include planning, design, permitting, construction administration, and support/administration of SWFWMD Cooperative Funding Initiative (CFI) grants and FDEP State Revolving Fund (SRF) loans.

Reiss has experienced and dedicated employees and they continue to maintain open and effective communication with our staff. They were recently reselected under the City of Haines City's continuing contract for professional engineering services in the Water, Wastewater, Reclaimed Water and Stormwater Utility Services category. I would not hesitate to hire them for future projects.

Sincerely,


Tracy Mercer
Director of Special Projects

300 North 5th Street ❖ Haines City, Florida 33844 ❖ Phone (863) 421-3300 ❖ Fax (863) 421-3780

Comprehensive In-House Architectural and Engineering Services

Our large team of highly trained engineers is supported by hundreds of technical specialists who provide a vast array of services to our clients.



Architectural

Our architects and designers seek to create high-quality, collaborative designs that stress innovation grounded in careful listening to your functional needs and tailored to your culture and specific organizational needs. We have vast expertise and resources, but our commitment to you will be laser-focused, thoughtful and longstanding. Building design often involves diverse stakeholder input, and you can trust that we'll guide you through a design process that's right-sized for your project and community. The end result will be a design that is innovative, flexible, creative, and beautiful. You'll like our designers and love what they design for you.



Arc Flash Analysis

Arc flash is arguably the deadliest and least understood hazard faced daily by plant personnel. Research indicates that even the best safety plan, training regimen, and protective equipment may be no match for an arc flash's heat and blast effects. Leveraging robust knowledge of industry standards, CHA regularly performs arc flash analyses geared toward understanding and preventing arc flash and arc blast hazards. Our team performs thorough risk assessments, collecting all applicable data about power distribution and electrical systems, and determines levels of risk for each component. CHA's analysis will provide you with a list of possible mitigation options to decrease arc flash energy levels and protect your personnel.



Asset Management

CHA's asset management capabilities provide a powerful complement to our long history of delivering investigative and infrastructure expansion/renewal engineering services for wastewater systems. We offer our clients GIS solution development, long-range capital and system planning, integrity assessment, regulatory strategy, compliance, and data management services. Our GIS system empowers you with complete, easy-to-access information on your assets and a clear picture of the condition of your critical systems. With it, you can quickly develop comprehensive maintenance programs, optimize field programs, and respond to emergencies and outages. Our goal is to help you manage your capital assets effectively while minimizing the costs associated with owning and operating them.



Civil Engineering

The backbone of modern society is the built environment. To support the demands of the ever-changing present, communities need supporting infrastructure that can match the rapid pace of daily life. Today, the roads we drive on, the infrastructure that provides services to our homes and businesses, and civic and recreational spaces must respond to unique and complex environmental and social settings. Communities need solutions that are both right for today's world and flexible enough to accommodate the future.

Our civil engineers rely on unique designs, innovative materials, and modern construction technologies to create structures, foundations, and other sensitive projects for the public and the bottom line. Our expertise spans the entire project cycle from feasibility evaluations through full-service design and construction. With thousands of design projects under our belt and offices throughout the United States, we have the relationships and experience to smooth the path to project completion.



Construction Administration/Construction Inspection

CHA provides a full complement of construction administration and inspection services to monitor, record, and deliver projects. Our team includes seasoned certified construction professionals cross-trained in design, project and risk management, and health and safety compliance.



Electrical/Instrumentation

Electronics power the 21st century. Without well-designed, efficient lighting, security, telecommunication systems, even the brightest, most alluring facilities are left in the dark. Our electrical professionals specialize in the design of lighting, power distribution, emergency power, fire alarm, security, lightning protection, instrumentation and control, and telecommunication systems. Our staff consists of recognized industry professionals with careers spanning decades. They have a reputation for verifying regulatory compliance while crafting durable, energy-efficient systems.



Energy

We help industrial, commercial and institutional clients develop energy management and sustainability programs that reduce energy costs through intelligent efficiency improvements. We also provide technical support services to state and utility programs in outreach, technical review, technical advisory, and program implementation services. Our team has conducted more than 1,000 energy efficiency audits and assessments, identifying more than \$90M in energy and operational savings. We've designed and installed combined heat and power (CHP) systems that reduce utility expenses by up to 50%, reduce carbon footprints by 45% and make utility outages less of a problem. CHA has also identified grants, incentives, and private financing for a range of projects.



Financial Analyses and Evaluations

CHA recognizes the value accurately and thoroughly evaluates the feasibility, cost, and benefit of wastewater utility ventures to enhance the quality of service. Our team considers various financing strategies and operational analyses to implement desired projects with minimal impacts and costs successfully. Our approach encompasses assessing potential financial plans, service changes, rate structures, and rates to fund and develop long-term improvements to your conveyance and treatment systems.



Funding

Our funding specialist, Lee Hale, PE, has been working in Florida for decades, knows the stakeholders, and provided support to secure grants and loans for the communities to improve and maintain their water and sewer systems. Our local presence and working relationship with the regulators and funding agencies will be unparalleled to serve your needs.



Geotechnical

The composition of the ground at your site is a critical factor in the design and construction of your project. CHA brings decades of experience in exploring a wide range of soil, bedrock, and groundwater conditions and evaluating the impacts of these conditions on infrastructure projects. Our design solutions range from simplistic to complex and innovative, as our approach to geotechnical engineering always considers final project cost, schedule, and performance.



Mechanical Engineering

CHA creates state-of-the-art mechanical systems that prioritize energy efficiency without sacrificing strength or ramping up costs. Our team consists of industry leaders who have valuable hands-on experience as plant managers and engineers in industrial settings. We offer complete MEP engineering and design/construction services for companies throughout the manufacturing sector and various public, private, and institutional clients. Our professionals will perform a thorough analysis of your systems and use proven methods to optimize performance.



Permitting

Our scientists will serve as your resident expert in permitting compliance. Our team will manage the design, regulatory approval, specialized environmental studies, environmental management systems, collection system capacity, management, operation & maintenance (CMOM) programs, environmental compliance planning and reporting programs. Our strong relationships and experience with regulatory agencies mean we can help smooth the path to full permitting compliance.



Public Outreach

CHA is experienced with community outreach and public stakeholder involvement. We engage the public early and often in the preliminary design phase and maintain awareness and involvement as the project moves forward. We also work with our clients to identify key stakeholders and public officials and keep them apprised of major issues and decisions as the project develops. We have found that actively working with the identified key stakeholders from preliminary design to construction completion minimizes misunderstandings and keeps projects on track through experience.

Our key staff members have also demonstrated strong speaking capabilities and have been called on to publicly present technical and non-technical material to a variety of audiences. We have regularly conducted extensive public outreach programs to inform and solicit input from residents, businesses and other community stakeholders. Programs regularly involved planning and executing public meetings to address and incorporate public and committee questions. Other outreach tactics include developing project websites, text messages, e-newsletter alert services, individual and group stakeholder meetings, public inquiry responses via phone and email, and project branded collateral.



Structural Engineering

Our team uses steel, concrete, masonry, timber, aluminum, fiber-reinforced plastic, and other materials to design the framework, or “structural skeleton,” for most projects we produce. With nearly 200 years of combined structural engineering experience, our engineers can solve clients’ needs, using creative solutions to design efficient structures that safely support the loads and resist the forces imparted on them. Governmental, industrial, manufacturing, institutional, historic, municipal, recreational, water/wastewater, aviation, and communication are only a fraction of the market sectors we have the experience and ability to serve.



Sustainability

Our team has led the way with innovative green designs. From our early work on America’s Most Scenic Highways to our recent award-winning Smart Growth projects, we’ve helped set the standard that others follow today. CHA is a registered member of the U.S. Green Building Council and employs a staff of LEED Accredited Professionals, including landscape architects, engineers, and professional planners. From the initial planning stages to the achievement of certification, our experienced LEED Accredited Professionals will be there to help set goals, guide progress, document construction practices, and interface with the U.S. Green Building Council.



Surveying and Rights-of-Way (ROW) Services

CHA’s comprehensive approach to survey work is the hallmark of a successful project. We strive for a rapid response. Our size and diversity in skill sets enable us to mobilize quickly to meet demanding schedule requirements. We are a survey group focused on using advanced measurement technology to improve our process and results. Our robust quality assurance/quality control processes result in accurate and precise work.



Transportation

Our transportation specialists plan, design, and help maintain and construct these most valued assets—including roads, bridges, railways, waterways, and multi-modal facilities—for public and private transportation owners, agencies and authorities. Whether an initiative involves a cost-effective rehabilitation or an innovatively funded major capital improvement, we provide the experience, creativity, and expertise to improve mobility and safety.



Water and Wastewater

Water

Our experienced and highly skilled professionals can assess, plan, design, and construct required infrastructure while meeting increasingly stringent regulations. Our resume covers hundreds of water supply, distribution, storage, treatability evaluations, treatment plant design, operation and maintenance plants, and sludge dewatering projects. Making sure that water is clean and safe is one of the most important services each community can provide.



Wastewater Collection

CHA is one of the leading collection system and wet weather flow engineering firms. We have assisted many clients in constructing new gravity sewer lines, pump stations, and force mains. Our experience includes modeling, sanitary sewer evaluation surveys (SSES), I&I studies, sewer system rehabilitation, and equalization basin design.

Water and Sewer Modeling

We are industry leaders in using hydraulic models to develop planning strategies, CIPs, operational scenarios, and design parameters of water and sewer improvement projects. We have included multiple water and sewer modelers who used Innovyze's water modeling software previously and the know-how to use the software efficiently.

Water and Wastewater Technology

Our knowledge of proven smart-water ideas and expertise in state-of-the-art pipe rehabilitation and replacement technologies, funding mechanisms, and digitalization trends in the industry gives us the tools to provide the best planning and modeling services to optimize your investments.

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Commitment to Designing Sustainable Solutions



CHA is committed to integrating environmentally responsible design, engineering, and construction into all our projects. These practices are generally known as “green building” or “green construction” and imply a design philosophy that stresses solving the present needs without diminishing the resources necessary to solve the needs of the future.

CHA’s philosophy of resource-conscious design and engineering is on the green movement’s cutting-edge and built-in ways that use renewable resources and green technologies.

CHA’s sustainability initiative stands on four strategic pillars:

Sustainable Services & Clients

We provide sustainable practices in the services we offer to help our clients plan, design, and build projects that endure.

Sustainable Workforce

We inspire our employees by creating an environment that connects us to our company and communities and challenges our employees to grow personally and professionally.

Sustainable Communities

We meaningfully engage with stakeholders and support the communities in which we work and live.

Sustainable Operations

We measure our environmental footprint and implement programs to reduce resource use, waste, and carbon emissions.

Corporate Commitment to Environmental Stewardship

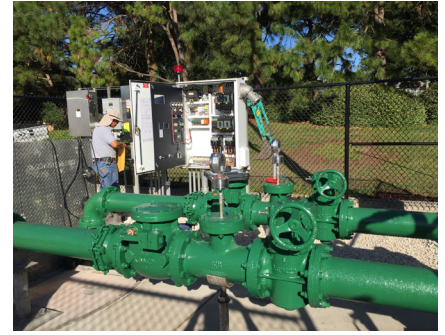
At CHA, our responsibility to [improve the world we live in](#) goes far beyond delivering a quality engineering design on schedule and under budget. Our responsibility extends to the communities where each of our employees lives and works.



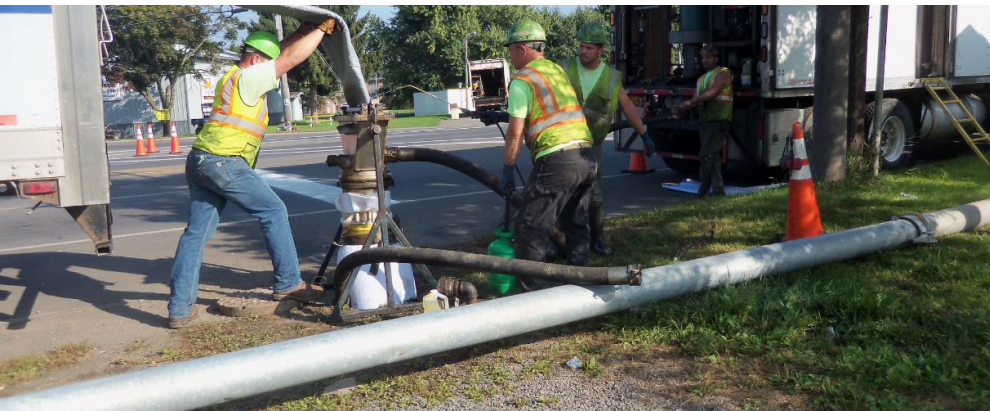
It is our obligation to responsibly improve the world through our designs and through our actions, so that our environment is preserved for future generations.

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.



Our water resources team is supported by more than 1,400 professionals, including engineers, scientists, architects, and project managers with a commitment to responsiveness, reliability, and professionalism.



Responsibly Improving
the World We Live In



We have multi-disciplined resources readily available to mobilize and bring a collaborative and comprehensive approach to each project. From CSO and stormwater solutions to wastewater treatment, water reclamation, and water supply services, we integrate environmentally responsible design, engineering and construction into our projects, providing solutions that last.

With a project portfolio covering hundreds of projects, miles of pipelines, numerous treatment facilities, and many satisfied clients across the country, you can rely on CHA for planning, modeling, designing, permitting, construction management, and compliance. **If you face a water resource or treatment challenge, we're ready to provide a resolution.**

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

31. SIGNATURE

32. DATE

10/27/2022

33. NAME AND TITLE

C. Robert Reiss, PhD, PE, Vice President/Florida Project Team Leader

Tab 9 - Submission Requirements and
Required Submittal Forms

Tab 9 Submission Requirements and Required Submittal Forms

FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION
AND INFLOW AND INFILTRATION MITIGATION

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 (20) pages (one-sided) or (10) pages (two-sided) in length.** (*The Title Page, City Required Forms and 330 Forms, resumes 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 listed 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:** three (3) hard-copies **BOUND** (marked "COPY"). (**1 original + 3 copies = 4 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 – Consultant is to contact the references and advise his/her references that the City will be sending an e-mail and reference form which needs to be completed and e-mailed back to the City in a timely fashion.

- Drug-Free Workplace (If Applicable)
- Public Entity Crime Information
- Non-Collusive Affidavit
- Lobbying Certification
- Conflict of Interest Form
- Disclosure Form (Consultant/Engineer/Architect)

- Scrutinized Business Certification Form

FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION
AND INFLOW AND INFILTRATION MITIGATION

- E-Verify Form
- Vendor Information Form to be filled out by awarded vendor

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

- Copy of Registration, Attached **See Pages 65-66**
- State required license for Prime Firm Only (Not sub-consultants) **See Tab 2**
- 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. **See Tab 7**
- YES NO Sample Insurance Certificate is included with the submittal
- MBE/WBE/VBE:** If claiming either Minority Business Enterprise/Women Business Enterprises/Veteran 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 STATUS AS PRIME ONLY
 - YES, I'VE ATTACHED THE CERTIFICATE OF MBE/WBE STATUS FROM THE STATE OF FLORIDA AS OUTLINED SECTION 1.
 - NOT CLAIMING MBE/WBE /VBE

THE REMAINDER OF THE PAGE LEFT INTENTIONALLY BLANK

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 9/12/22 Addendum No. 4 Dated 10/7/22
 Addendum No. 2 Dated 9/19/22 Addendum No. _____ Dated _____
 Addendum No. 3 Dated 9/26/22 Addendum No. _____ Dated _____

Company Name CHA Consulting, Inc.

813.549.0919 BJones@chacompanies.com N/A
Telephone # **E-Mail** **Fax #**

3 Winners Circle, PO Box 5269
Main Office Address

Albany NY 12205-0269
City **State** **Zip Code**


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

3507 East Frontage Road, Suite 180
Office Address

Tampa FL 33607
City **State** **Zip Code**

813.549.0919 BJones@chacompanies.com N/A
Telephone # **E-mail** **Fax #**

Thomas D. Titsworth, Regional Counsel and Vice President
Name & Title of Firm Representative

 10/3/22
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: CHA Consulting, Inc.

DBA (if any): _____

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

Business Address: 3507 East Frontage Road, Suite 180, Tampa, FL 33607

Phone: 813.549.0919 Fax: N/A

E-Mail BJones@chacompanies.com

Print Name and Title of person authorized to bind: Thomas D. Titsworth, Regional Counsel and Vice President

Federal Identification Number: 16-0966259

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: New York
Name as spelled in that State: CHA Consulting, Inc.

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.: F08000004937

Does it use a registered fictitious name: Yes or No

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION AND INFLOW AND INFILTRATION MITIGATION

Names of Officers:

President: James Stephenson **Secretary:** Michael A. Platt, Esq.

Vice President: _____ **Treasurer:** _____

Director: _____ **Director:** _____

Other: Michael Carroll (Chief Executive Officer) **Other:** Dom Bernardo (Chief Financial Officer)

Name of Corporation (As used in Florida):

CHA Consulting, Inc.

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

Corporate Address:

Post Office Box:	<u>PO Box 5269</u>
City, State Zip:	<u>Albany, NY 12205-0269</u>
Street Address:	<u>3 Winners Circle</u>
City, State, Zip:	<u>Albany, NY 12205</u>

STATE OF New York
COUNTY OF Albany

Sworn to and subscribed before me this 3rd day of October, 2022, by Thomas D. Titsworth who is personally known to me or has produced his/her driver's license as identification.

Amanda M. Curtin
Notary Public - State of ~~Florida~~ New York
Print Name: Amanda M. Curtin
Commission No: 01CU6344006

AMANDA M. CURTIN
Notary Public, State of New York
Reg. No. 01CU6344000
Qualified in Albany County
Commission Expires 6/26/2024

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REFERENCES/CLIENT LISTING

(The firm shall provide at least two (2) business related references for which they are currently providing, or have provided within the last fifteen (15) years, services similar to the scope of services required by this RFP). Attach additional sheets if necessary. The Project Manager and the key Construction Inspector(s) in the proposed project team must show relevant experience in two (2) referenced similar projects.

1. Business/Customer Name: South Seminole and North Orange County Wastewater Transmission Authority (SSNOCWTA)

Name of Contact Person/Title: Ed Gil de Rubio, Executive Director

Telephone# 407.628.3419 Fax N/A E-mail director@ssnocwta.com

Address 410 Lake Howell Road, Maitland, FL 32751

Phone Number 407.628.3419

Duration of Contract or business relationship 2009-Present Project completion date: Ongoing

Type of Services Provided CHA serves as SSNOCWTA's owner's engineer and extension of staff, providing design, permitting, bidding, and construction-phase services.

Cost of Project: Design Varies per project Construction: Varies per project

2. Business/Customer Name: Polk County Utilities

Name of Contact Person/Title: Tamara Richardson, Director

Telephone# 863.298.4214 Fax N/A E-mail tamararichardson@polk-county.net

Address 1011 Jim Keene Boulevard, Winter Haven, FL 33880

Phone Number 863.298.4214

Duration of Contract or business relationship 2019-2022 Project completion date: 2022

Type of Services Provided Design, permitting, and CEI for approximately 16,100 feet of reclaimed water main within the ECB corridor for the Ernie Caldwell RCWM Improvements Phase II project.

Cost of Project: Design \$184,642 Construction: ~\$3.1M

3. Business/Customer Name: City of Clearwater

Name of Contact Person/Title: Todd Kuhnel, City Project Manager

Telephone# 727.562.4798 Fax N/A E-mail todd.kuhnel@myclearwater.com

Address 112 S Osceola Avenue, Clearwater, FL 33756

Phone Number 727.562.4798

Duration of Contract or business relationship 2019-Present Project completion date: Est. 2025

Type of Services Provided Design, RPR, and construction services for the Water and Reclaimed Water Program Management Contract.

Cost of Project: Design Varies per project Construction: Varies per project
Program limit ~\$4.18M over six years

FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION AND INFLOW AND INFILTRATION MITIGATION

4. Business/Customer Name: City of Melbourne

Name of Contact Person/Title: Jennifer Spagnoli, PE, Assistant Public Works and Utilities Director

Telephone# 321.608.5000 Fax N/A E-mail jennifer.spagnoli@mlbfl.org

Address 900 E Strawbridge Ave, Melbourne, FL 32901

Phone Number 321.608.5000

Duration of Contract or business relationship 2017-Present Project completion date: Est. 2023

Type of Services Provided Design, permitting and CEI for the Pineda Causeway Water Transmission main project.

Cost of Project: Design \$2.1M (Design)
\$1.7M (CEI) Construction: ~\$22.6M

5. Business/Customer Name: Pinellas County

Name of Contact Person/Title: Tom Menke, PE, Utilities Engineering Section Manager

Telephone# 727.453.3611 Fax N/A E-mail TMenke@pinellascounty.org

Address 14 S. Fort Harrison Avenue, 6th Floor, Clearwater, FL 33756

Phone Number 727.453.3611

Duration of Contract or business relationship 2016-Present Project completion date: _____

Type of Services Provided Continuing design, permitting, and CEI, as well as evaluation of the county's 289 lift stations with generator evaluation.

Cost of Project: Design Varies per project Construction: Varies per project

COMPANY NAME: CHA Consulting, Inc.

SIGNATURE: 

PAGES 36 and 37 MUST BE SUBMITTED WITH PROPOSAL


DRUG FREE WORKPLACE FORM

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that
CHA Consulting, 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

10/3/22

Date

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PUBLIC ENTITTY 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, Thomas D. Titsworth, being an authorized representative of the Respondent,
CHA Consulting, Inc., located at 3507 East Frontage Road, Suite 180

City: Tampa State: FL Zip Code: 33607, 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: 10/3/22

Telephone #: 813.549.0919 Fax #: N/A

Federal ID #: 16-0966259

STATE OF New York
COUNTY OF Albany

Sworn to and subscribed before me this 3rd day of October, 2022, by Thomas D. Titsworth
who is personally known to me or has produced his/her driver's license as identification.

AMANDA M. CURTIN
Notary Public, State of New York
Reg. No. 01CU6344000
Qualified in Albany County
Commission Expires 6/24/2024


Notary Public - State of Florida New York

Print Name: Amanda M. Curtin

Commission No: 01CU6344000

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FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION
AND INFLOW AND INFILTRATION MITIGATION

NON-COLLUSIVE AFFIDAVIT

State of New York
County of Albany } SS.

Before me, the undersigned authority, personally appeared:

Thomas D. Titsworth who, being first duly sworn, deposes and says that:

1. (He/She) is the Officer (Owner, Partner, Officer, Representative or Agent) of CHA Consulting, 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 3rd day of October, 20 22.

By: [Signature]

Thomas D. Titsworth
(Printed Name)
Regional Counsel/Vice President
(Title)

STATE OF New York
COUNTY OF Albany

Sworn to and subscribed before me this 3rd day of October, 20 22, by Thomas D. Titsworth who is personally known to me or has produced his/her driver's license as identification.

[Signature]
Notary Public - State of Florida New York
Print Name: Amanda M. Curtin
Commission No: 01CU6344000

AMANDA M. CURTIN
Notary Public, State of New York
Reg. No. 01CU6344000
Qualified in Albany County
Commission Expires 6/20/2020

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LOBBYING CERTIFICATION

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

STATE OF New York

COUNTY OF Albany

This _____ day _____ of 2022

Thomas D. Titsworth, being first duly sworn, deposes and says that he or she is the authorized representative of CHA Consulting, 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 3rd day of October, 2022.

By: [Signature]

Thomas D. Titsworth
(Printed Name)
Regional Counsel/Vice President
(Title)

STATE OF New York
COUNTY OF Albany

Sworn to and subscribed before me this 3rd day of October, 2022 by Thomas D. Titsworth who is personally known to me or has produced his/her driver's license as identification.

[Signature]
Notary Public - State of New York
Print Name: Amanda M. Curtin
Commission No: 01CU6344000

AMANDA M. CURTIN
Notary Public, State of New York
Reg. No. 01CU6344000
Qualified in Albany County
Commission Expires 6/20/2024

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PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION
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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: CHA Consulting, Inc.

SIGNATURE:  _____
Thomas D. Titsworth, Regional Counsel and Vice President

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

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: CHA Consulting, Inc.

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): Thomas D. Titsworth

SIGNATURE:  DATE: 10/3/22

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FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION AND INFLOW AND INFILTRATION MITIGATION

Scrutinized Company Certification Form

Company Name: CHA Consulting, Inc.

Authorized Representative Name and Title: Thomas D. Titsworth, Regional Counsel and Vice President

Address: 3507 East Frontage Road, Suite 180 City: Tampa State: FL ZIP: 33607

Phone Number: 813.549.0919 Email Address: ttitsworth@chacompanies.com

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: Thomas D. Titsworth, Regional Counsel and Vice President

Date Certified: 10/3/22

Solicitation/Contract/PO Number (Completed by Purchasing): _____

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AND INFLOW AND INFILTRATION MITIGATION

VENDOR'S CERTIFICATION FOR E-VERIFY SYSTEM

STATE OF New York

COUNTY OF Albany

The undersigned Vendor/Consultant/Contractor (Vendor), after being duly sworn, states the following:

1. Vendor is a person or entity that has entered into or is attempting to enter into a contract with the City of North Port (City) to provide labor, supplies, or services to the City in exchange for salary, wages or other remuneration.
2. Vendor has registered with and will use the E-Verify System of the United States Department of Homeland Security to verify the employment eligibility of:
 - A. All persons newly hired by the Vendor to perform employment duties within Florida during the term of the contract; and
 - B. All persons, including sub-contractors, sub-vendors or sub-consultants, assigned by the Vendor to perform work pursuant to the contract with the City.
3. If the Vendor becomes the successful Contractor who enters into a contract with the City, then the Vendor will comply with the requirements of Section 448.095, Fla. Stat. "Employment Eligibility", as amended from time to time.
4. Vendor will obtain an affidavit from all subcontractors attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien as defined in 8 United States Code, Section 1324A(H)(3).
5. Vendor will maintain the original affidavit of all subcontractors for the duration of the contract.
6. Vendor affirms that failure to comply with the state law requirements can result in the City's termination of the contract and other penalties as provided by law.

VENDOR: CHA Consulting, Inc. (Vendor's Company Name)


 (Vendor signature)

Thomas D. Titsworth (Vendor's name printed)

Regional Counsel
and Vice President (Title)

Sworn to and subscribed before me by means of physical presence or online notarization, this 3rd day of October, 2022

, by Thomas D. Titsworth, as Regional Counsel and Vice President


Notary Public

Personally Known X OR Produced Identification _____
Type of Identification Produced _____

AMANDA M. CURTIN
Notary Public, State of New York
Reg. No. 01CU6344000
Qualified in Albany County
Commission Expires 6/20/2024

FOR PROPOSAL NO. 2022-31
PROFESSIONAL CONSTRUCTION, ENGINEERING, REQUEST, AND INSPECTION (CEI) SERVICES FOR DIESEL BYPASS PUMP INSTALLATION
AND INFLOW AND INFILTRATION MITIGATION



CITY OF NORTH PORT PROCUREMENT
VENDOR INFORMATION FORM



Vendor Name: CHA Consulting, Inc. Contact Person: Barton Jones, PE

Phone Number: 813.549.0919 E-mail: BJones@chacompanies.com Fax Number: N/A

Business Address: 3507 East Frontage Road, Suite 180

City: Tampa State: FL Zip: 33607

Remittance Address: 3507 East Frontage Road, Suite 180

City: Tampa State: FL Zip: 33607

Payment Information:

Do you accept Visa credit card payments? Yes No

Is there a convenience fee for credit card payment? Yes Amount of fee: _____ No

Organization Type:

Individual/Sole Proprietor Partnership Not for Profit Corporation Corporation Providing Legal Services

Corporation Providing Health/Medical Services MBE/WBE/DBE Other (Please specify):

Please Check All Applicable Boxes:

Business is licensed (unless exempt by applicable law), permitted or certified to do business in the State of Florida:

Yes No N/A

Business is located in North Port: Yes No

If "Yes", is annual North Port Business Tax current? Yes No

Do you wish to participate as an Emergency Vendor with the City of North Port? Yes No

Documents – I am submitting the following documents with the Vendor Information Form:

W-9 Form (revised October 2018) must be signed & dated within current calendar year

Conflict of Interest Form must be signed & dated within current calendar year

Insurance Certificate(s) as indicated by Risk Management on Insurance Requirements Form (if applicable)

Florida Divisions of Corporations Document (if applicable)

MBE/WBE/DBE (if applicable)

Signature 

Date 10/3/22

January 2019

END OF PART V



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Foreign Profit Corporation
CHA CONSULTING, INC.

Cross Reference Name

CHA CONSULTING, INC.

Filing Information

Document Number F0800004937
FEI/EIN Number 16-0966259
Date Filed 11/17/2008
State NY
Status ACTIVE
Last Event DROPPING DBA
Event Date Filed 04/06/2021
Event Effective Date NONE

Principal Address

575 Broadway
ALBANY, NY 12207

Changed: 02/23/2015

Mailing Address

575 Broadway
ALBANY, NY 12207

Changed: 02/23/2015

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Officer/Director Detail

Name & Address

Title CEO

CARROLL, MICHAEL D
575 BROADWAY
ALBANY, NY 12207

Title CFO

BERNARDO, DOM M
3 WINNERS CIRCLE
ALBANY, NY 12205

Title Secretary, General Counsel

PLATT, MICHAEL A
3 WINNERS CIRCLE
ALBANY, NY 12205

Title AS

TITSWORTH, THOMAS DESQ
3 WINNERS CIRCLE
ALBANY, NY 12205

Title President

Stephenson, James

1 Faneuil Hall Marketplace
South Market Building, suite 4195
Boston, MA 02109

Annual Reports

Report Year	Filed Date
2020	01/22/2020
2021	01/18/2021
2022	01/10/2022

Document Images

01/10/2022 -- ANNUAL REPORT	View image in PDF format
04/06/2021 -- Dropping Alternate Name	View image in PDF format
01/18/2021 -- ANNUAL REPORT	View image in PDF format
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03/27/2019 -- ANNUAL REPORT	View image in PDF format
03/15/2018 -- ANNUAL REPORT	View image in PDF format
02/28/2017 -- ANNUAL REPORT	View image in PDF format
09/22/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
02/09/2016 -- ANNUAL REPORT	View image in PDF format
02/23/2015 -- ANNUAL REPORT	View image in PDF format
03/25/2014 -- ANNUAL REPORT	View image in PDF format
01/31/2013 -- ANNUAL REPORT	View image in PDF format
02/17/2012 -- Amendment	View image in PDF format
01/30/2012 -- ANNUAL REPORT	View image in PDF format
04/12/2011 -- FEI# CHANGED	View image in PDF format
03/04/2011 -- ANNUAL REPORT	View image in PDF format
12/28/2010 -- Name Change	View image in PDF format
03/05/2010 -- ANNUAL REPORT	View image in PDF format
04/17/2009 -- ANNUAL REPORT	View image in PDF format
12/18/2008 -- Amendment	View image in PDF format
11/17/2008 -- Off/Dir Resignation	View image in PDF format
11/17/2008 -- Off/Dir Resignation	View image in PDF format
11/17/2008 -- Foreign Profit	View image in PDF format

Florida Department of State, Division of Corporations

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. CHA Consulting, Inc.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=S corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions. III Winners Circle	Requester's name and address (optional)
	6 City, state, and ZIP code Albany, NY 12205	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number	
[] [] [] - [] [] - [] [] [] []	
or	
Employer identification number	
1 6 - 0 9 6 6 2 5 9	

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ Date ▶ 01/03/2022

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

State of Florida

Department of State

I certify from the records of this office that CHA CONSULTING, INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 17, 2008.

The document number of this corporation is F08000004937.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 10, 2022, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Tenth day of January, 2022*



Ronald R. DeSantis
Secretary of State

Tracking Number: 1892863710CC

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

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