



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

RFP No. 2020-58
July 20, 2020

Stephen MacEachern, PE, PSM
6900 Professional Pkwy East
Sarasota, FL, 34240
(941) 907-6900

City of North Port
WATER TREATMENT PLANT

The image shows a large white cylindrical water storage tank with a blue horizontal band. On the side of the tank, the text 'City of North Port' is written in a large, black, serif font, with a small green graphic of reeds or grass in the center. Below this, 'WATER TREATMENT PLANT' is written in a smaller, black, sans-serif font. The tank is set against a clear blue sky and a green lawn.

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Tab 1: Transmittal Letter





Stantec Consulting Services Inc.
6900 Professional Parkway East
Sarasota, Florida 34240

July 20, 2020

Attention: Ginny Duyn, CPPB, Senior Purchasing Administrator
City of North Port
4970 City Hall Blvd, Suite 337
North Port, FL 34286

RE: Request for Proposal No. 2020-058
Professional Engineering Services Continuing Services Contracts For City of North Port Utilities Department

Dear Ms. Duyn and Selection Committee,

Stantec Consulting Services Inc. (Stantec) is pleased to submit our qualifications for the City of North Port RFP No. 2020-58 Professional Engineering Services Continuing Services Contract For City of North Port Utilities Department. The City has identified water and wastewater systems improvement projects within their CIP which is a testament to the commitment of providing enhanced reliability within pipeline infrastructure and a dependable water and wastewater systems for local neighborhoods and businesses. This package will express our strong interest in continuing to be one of your trusted advisors and go-to consultant firm in support of your Capital Improvement Program (CIP) and other programs related to the water, wastewater and reclaimed water services you provide. We also welcome the opportunity to provide professional engineering services under this contract to other City Departments should aspects of their projects require utility related services.

We understand and respect the City of North Port Utilities Department's (NPU) mission of continuing to provide customers quality water and sewer services in a safe, cost-effective and efficient manner, and to accommodate the growth of the community through the planned expansion of their systems. The work by NPU staff to manage the growth and maintenance in the utility system is a testament of their mission.

Stantec and our project team members are very committed to NPU, and we appreciate your consideration of our qualifications.

As designers of water and wastewater treatment systems around the world, and being among the top three national firms, our experience and commitment will maximize the community's investment as we provide value-oriented services to meet your needs. Stantec brings cutting edge technology such as Indirect and Direct Potable Reuse, we develop technology in one part of the world and share it across the globe. It is with this same drive and passion that we will approach each project and every aspect of your needs. We believe that our local familiarity, blended with our national and international expertise provides NPU with the value and trust you desire in a consultant.

Together, the entire Stantec team will bring:

Water and Wastewater Experience within Florida – Collectively, the Stantec team has aided clients through compliance, expansion, treatment and quality issues for both water and wastewater. We have been in Florida since 1956 and we have worked with and continue to serve many utilities in the State under similar continuing services contracts including: Collier County, Lee County, Charlotte County, Sarasota County, City of Sarasota, City of Venice, Manatee County, Broward County, Fort Lauderdale, Hallendale Beach, Hollywood, Sunrise, Pompano Beach, Tamarac, Davie, Deerfield Beach, Miramar, Oakland Park, Coral Springs, Palm Beach County, West Palm Beach, Wellington, Lake Worth, Miami-Dade, and Hillsborough County.

A Deep Bench of Local Experience – The Stantec team will provide NPU with the benefit of access to not only a team of almost 200 engineers and specialists located along the Florida gulf area and managed from our Sarasota office, but that can also draw from the pool of over 22,000 employees including nationally recognized experts that work on projects and are delivered locally to communities. *We are active members of the communities we serve, and many of our staff live in North Port and surrounding communities.*

Experienced Local Leadership Team – Stephen MacEachern, PE, PSM will be your Client Manager and main point of contact for this Continuing Professional Services contract. Stephen has over 20 years of local experience in civil engineering with much of his focus on new utility infrastructure and rehabilitation projects. He has been involved in several NPU projects that were completed under a continuing services contract. Tracy Anderson, PE will be the Principal-in-Charge. Tracy has over 27 years of experience, focused on servicing municipal clients. In this role, he will, in conjunction with Stephen, ensure that Stantec delivers the scope of every contract and keep it within schedule, on budget and with the highest quality product. Sergio Hoyos, PE, Sangeeta Dhulashia, PE, PMP, and Stephen will lead the efforts of project teams in their stated categories. A valuable member of the project team, as always, will be Harold (Hal) Schmidt, PE, BCEE. Hal's water and wastewater experience along with his historical knowledge and understanding of the NPU utility system is invaluable when dealing with more the complex issues. Tracy, Stephen, and Sergio, and many of the proposed team are located in the Sarasota Stantec office at 6900 Professional Parkway East.

Achieving Your Goals - The Stantec team proposes to provide the following services as requested by the City under the following Categories:

- **Category 1 - Water, Wastewater, and Reclaimed Water Treatment & Storage Systems**
- **Category 2 - Water, Wastewater, and Reclaimed Water Conveyance Systems**
- **Category 3 - Water, Wastewater, and Reclaimed Water Planning**

We have extensive, local, state and national experience providing services for these categories of work. With a long-term commitment to the people and places we serve, our local, responsive resources include multi-disciplinary engineering talent. Although we are not submitting on Category 4- Electrical and Instrumentation & Controls, we do have Stantec staff that will be available to assist should a need arise.

Beyond their technical capabilities, our team members are also passionate about their work, are good listeners and excel at collaboration with each other and with our clients. Together, we can execute successful projects which will achieve the efficiency, quality, financial responsibility and safety mission objectives of NPU to provide your customers safe, healthy, and cost-effective municipal services and infrastructure. This makes the Stantec team an excellent choice for both large and small projects.

It is with pride and enthusiasm that we have prepared this proposal and look forward to your favorable consideration that we may continue to provide professional engineering services to the NPU under this Continuing Professional Services contract. Stantec has a long working relationship with NPU staff, we want to continue the relationship. Our team is ready to work for you and prove our worth. We look forward to serving NPU for many years to come.

Respectfully Submitted,

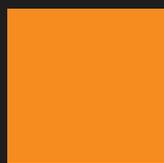


Tracy Anderson, PE
Senior Principal
tracy.anderson@stantec.com



Stephen MacEachern, PE, PSM
Senior Project Engineer
stephen.maceachern@stantec.com

Tab 2: Qualifications of the Firm





Qualifications of the Firm

Our company is registered as a legal entity in the State of Florida as a Corporation.

A Long History of Local Presence: Stantec has been providing responsive, quality engineering services in southwest Florida for over six decades. More importantly, we have been serving the City for the past 15-years, and some of our team members have a longer working history with your utility. Our Florida Team's water, wastewater, and reclaimed water experience, coupled with our world-class expertise, has allowed us to go anywhere to meet our clients' needs in more creative and personalized ways. With a long-term commitment to the people and places we serve, we are committed to making Florida a better place to live, work, and do business in. With that goal in mind, we work on projects that help improve our communities and the infrastructure that supports them.

Our offices in Sarasota, Tampa, Naples, and Fort Myers have over 350 engineers, scientists, planners, surveyors, and technicians who are well versed in providing our clients with the type of planning, engineering, and permitting services necessary to perform the scope of services referenced in the RFP.

Engineering Resources: The Stantec community unites more than 22,000 employees working in over 400 locations across 6 continents. We collaborate across numerous disciplines and industries to bring buildings, energy and resources, and infrastructure projects to life. Our work—professional consulting in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships.

Technical Experience and Proven Public Outreach Skills: Stantec has provided planning, engineering and construction engineering services for water, wastewater, and reclaimed water treatment facilities and conveyance projects in southwest Florida for decades. Some notable recent projects have included treatment facility improvements at T. Mabry Carlton WTP, Bee Ridge WRF, Southeast Manatee WRF, and Venice Eastside WRF; booster and pump station projects Siesta Key Master Pump Station and Force Main, Oak Ford Pump Station and Force Main, seven Sarasota County Lift Station Rehabilitation designs, and CCU's Myakka Potable Booster Station; and pipeline conveyance projects City of Venice Border Road Water Main Extension, St. Armands Force Main Replacement, and numerous water main replacement projects in City of Sarasota and Manatee County.

Proven Work History with City of North Port: Additional local project experience working with City of North Port staff has included Pilot Program Areas 28.3 and 28.2 Water Distribution System Expansion, Cranberry Boulevard and Cocoplum Water Way Water Main Replacement, Chesebro Avenue and Italy Avenue Water Main Loops, 2018 Water Distribution Improvements, 2018/2019 Water Distribution Improvements, 2019/2020 Water Distribution Improvement, Phase 3 Reclaimed Water Main Extensions, North Port Boulevard Water Main Replacement, North and South Salford Water Main Replacement, Lazy River Water Main and Force Main

With our office only 30 minutes away from the North Port Utility Office, we will be able to facilitate face-to-face meetings and site visits on short notice.

Replacement, Myakkahatchee Creek WTP Transfer Pump Replacement, Sumter and Toledo Blade Water Main and Force Main Permitting, and the Utility Administration Building and Warehouse Facility project. This local experience includes feasibility studies, alternatives evaluations, preliminary design reports, investigative studies, design plans and specifications, permitting, and bidding and construction phase services.

We are Trusted Partners with Clients: For example, we were recently selected by the Sarasota County to assisted them with an FDEP Consent Order at the Bee Ridge Water Reclamation Facility. Our technical expertise played a large part in this selection, but perhaps more important was our history of working efficiently and cooperatively as an extension of its staff. Technical expertise and experience will only be valuable when a consultant uses it effectively to the benefit of the client. This means understanding the client’s needs, the preferences of client staff, the nature of the local community where the project occurs and employing a culture of cooperation and teamwork to ensure that projects are executed in a manner that builds trust among stakeholders and moves projects forward efficiently.

We Bring A Proven Team: Our philosophy is to leverage our local project management staff with our multidiscipline design expertise. For example, Stantec was contracted by Miami-Dade Water and Sewer Department (WASD) as the Engineer-of-Record for all of their capital projects at the 143 MGD Central District Wastewater Treatment Plant, the largest wastewater treatment plant in Florida. Over the past five years on our Consent Decree contract, our design team has completed 30 task orders ranging in size from \$154,000 to \$4,662,551 for projects such as a Toxicity Study and the Central District Digester and Control Buildings project. The design projects are now complete and we are proposing to leverage this proven design team on upcoming assignments under this contract. Hal Schmidt, David Socha, Jeovanni Ayala-Lugo, Soli Rojas Craig Kaltenbach, and Shana Wygonik, who are all located in our nearby Tampa office, were involved on the Miami-Dade WASD projects and they can leverage this experience to have direct connection to you and your staff and to our multidiscipline design team.

Quality Control: Quality control will be administered through Stantec’s internal ISO 9001 QA/QC program that assigns senior-level staff who are independent of the project team to provide formalized reviews at key points during project execution. These staff are engaged at project commencement and continue to provide their knowledge and experience throughout project execution. Through their reviews, our design packages are checked for clarity and completeness, and the potential for errors is reduced. Tab 5 contains additional information on Stantec's QA/QC Procedures and QA/QC Plan.

Office Location: Stantec’s corporate headquarters is located in Edmonton, Alberta, Canada. The office where the work will be produced is located in Sarasota, FL. The main point of contact and the client/project manager for this project will be Stephen MacEachern, PE, PSM. His contact information is below:

Stantec Consulting Services Inc.
6900 Professional Parkway East
Sarasota, FL 34240
(941) 907-6900 (phone)
(941) 907-6910 (fax)
stephen.maceachern@stantec.com
www.stantec.com

Stantec has had a fully staffed Sarasota office since 1997. The Principal-in-Charge and Client Manager located in this office along with several personnel who will be working on assignments under this contract. The Category 1 lead, Sergio Hoyos, PE, is located in the Sarasota office. The supporting treatment and storage systems experts are located in our Tampa office. Our Category 3 lead, Sangeeta Dhulashia, PE, PMP, is located in our Sunrise office. Additional supporting personnel are located in Florida with a few experts located out of state.



↑ Stantec's Sarasota Office

Stantec's Sarasota office is home to the following project and utility support staff who are available to provide support to the City of North Port on work assignments under this contract.

Stantec’s Project Staff Shown On Organizational Chart And Assigned To Sarasota Office:

Tracy Anderson, PE, Principal in Charge
Stephen MacEachern, PE, PSM, Client/Project Manager
Sergio Hoyos, PE, MS, Category Lead
John Spalding, PE, Project Engineer
Rick Cowles, PG, Hydrogeology
Elizabeth Eardley, Ecologist
Frank Domingo, PE, Traffic/MOT

Additional Professional Water Group Staff Assigned To Sarasota Office:

Beth Andrews, REM, Senior Environmental Scientist
Dick Michael, PE, Senior Utility Engineer
Gabe Vega, EI, Inspector
Jordan Corby, PE, Project Engineer
Kelly Westover, PMP, CFM, Financial and Management Consultant
Molly Williams, PE Stormwater Engineer
Nick Alexandrou, GIS
Quince Sellers, PE, Senior Civil Engineer
Ray Loraine, Senior Environmental Scientist
Tim Foushee, PE, Senior Civil Engineer
Terry Dungan, Inspector

The Sarasota office also includes engineers in transportation, residential land development, and private utility infrastructure, as well as professionals in land surveying, land planning, landscape architecture, and construction engineering and inspection.

As you review our response to this RFP, we hope that you come to the conclusion that our extensive experience, our strong local team, and history of dedicated customer services makes us highly qualified to perform the work necessary to complete projects on task and on budget, within the three categories we are submitting on.

Your core Stantec team is made up of experienced water, wastewater, and reclaimed water professional in Florida. We believe in our team and are confident we can successfully deliver projects under this contract. Keys to our confidence that we can meet the City of North Port's needs include:

- Stantec has a history of serving the City with a “can do” attitude
- The staff proposed for this project has a long history in our local office
- Our assembled team includes dedicated industry experts
- Our local management provides "small firm" familiarity while Stantec's global team provides the knowhow to solve nearly any problem that the City of North Port Utility Department may have

State of Florida Department of State

I certify from the records of this office that STANTEC CONSULTING SERVICES INC. is a New York corporation authorized to transact business in the State of Florida, qualified on November 14, 2001.

The document number of this corporation is F01000005948.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 16, 2020, 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 Twenty-sixth day of February,
2020*



Randy Bee
Secretary of State

Tracking Number: 1855267277CU
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
800HELPLA(435-7352) or (850) 488-2221

February 21, 2019

STANTEC CONSULTING SERVICES, INC.
370 INTERLOCKEN BLVD STE 300
BROOMFIELD, CO 80021-8012

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB7866

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



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

License No: LB7866
Expiration Date February 28, 2021

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

STANTEC CONSULTING SERVICES, INC.
6900 PROFESSIONAL PARKWAY EAST
SARASOTA, FL 34240-8414

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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

STANTEC CONSULTING SERVICES INC.

370 INTERLOCKEN BLVD
SUITE 300
BROOMFIELD CO 80021

LICENSE NUMBER: CA27013

EXPIRATION DATE: FEBRUARY 28, 2021

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ANDERSON, TRACY CHRIS

5172 STATION WAY
SARASOTA FL 34233

LICENSE NUMBER: PE77514

EXPIRATION DATE: FEBRUARY 28, 2021

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MACEACHERN, STEPHEN CYRUS

2694 SOUTH SAN MATEO DR.
NORTH PORT FL 34288

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HOYOS, SERGIO A.
 6900 PROFESSIONAL PARKWAY EAST
 SARASOTA FL 34240

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SOCHA, DAVID A.
 19314 PINE VALLEY DR
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LICENSE NUMBER: PE73821
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DHULASHIA, SANGEETA YASHIK
 2669 PALMER PLACE
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AYALA-LUGO, JOVANNI
 17411 NEW CROSS CIR
 LITHIA FL 33547

LICENSE NUMBER: PE72421
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SCHMIDT, HAROLD EUGENE JR
 371 E. READING WAY
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LICENSE NUMBER: PE38819
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LAMAY, BRIAN WADE
 9930 SW 23RD STREET
 DAVIE FL 33324

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SPALDING, JOHN EDWIN
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 SARASOTA FL 34233

LICENSE NUMBER: PE79618
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KALTENBACH, CRAIG PATRICK
 1414 HOVERSHAM DRIVE
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JONATHAN ZACHEM, SECRETARY




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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
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DOMINGO, FRANCISCO B.
5456 CORK OAK STREET
SARASOTA FL 34232

LICENSE NUMBER: PE51601
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Halsey Beshears, Secretary




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BOARD OF PROFESSIONAL ENGINEERS

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LEAN, MARC
8645 COLONY TRACE DRIVE
FORT MYERS FL 33908

LICENSE NUMBER: PE66473
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Halsey Beshears, Secretary




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BOARD OF ARCHITECTURE & INTERIOR DESIGN

THE ARCHITECT HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

WYGONIK, SHANA LYNN
3008 W. NORTH A STREET
TAMPA FL 33609

LICENSE NUMBER: AR96070
EXPIRATION DATE: FEBRUARY 28, 2021
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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
800HELPLFLA(435-7352) or (850) 488-2221

February 7, 2019

MARK H FOSTER
21342 PRESERVATION DRIVE
LAND O' LAKES, FL 34638

Detach Here

SUBJECT: Professional Surveyor and Mapper License # LS5535

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/pas to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.




Florida Department of Agriculture and Consumer Services
Board of Professional Surveyors and Mappers

LS5535
Professional Surveyor and Mapper
MARK H FOSTER

IS LICENSED under the provisions of Ch. 472 FS
Expiration date: February 28, 2021

Detach Here

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

License No.: LS5535
Expiration Date: February 28, 2021

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

MARK H FOSTER
21342 PRESERVATION DRIVE
LAND O' LAKES, FL 34638

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Professional Engineering Services Continuing Services Contracts For City Of North Port Utilities Department (North Port, Florida)

2. PUBLIC NOTICE DATE

June 17, 2020

3. SOLICITATION OR PROJECT NUMBER

RFP No. 2020-58

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Stephen MacEachern, PE, PSM, Senior Project Engineer

5. NAME OF FIRM

Stantec Consulting Services Inc.

6. TELEPHONE NUMBER

(941) 225-6177

7. FAX NUMBER

(941) 907-6910

8. EMAIL ADDRESS

stephen.maceachern@stantec.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	J-V	SUBCON-			
a.	x			Stantec Consulting Services Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	6900 Professional Pkwy E, Sarasota, FL 34240	Contract Management, Category 1, 2, 3
b.	x			Stantec Consulting Services Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	777 S. Harbour Island Blvd., Suite 600, Tampa, FL 33602	Category 1, 2, 3
c.	x			Stantec Consulting Services Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1551 Sawgrass Corporate Parkway, Suite 440, Sunrise, FL, 33323	Category 3
d.			x	Tierra Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	7351 Temple Terrace Highway, Tampa, FL, 33637	Geotechnical Engineering
e.			x	George F Young Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	299 Dr. Martin Luther King, Jr. Street, North, St Petersburg, FL, 33701	Surveying and Subsurface Utility
f.			x	MSB Surveying <input type="checkbox"/> CHECK IF BRANCH OFFICE	31 Sarasota Center Blvd. #C, Sarasota, FL, 34240	Surveying

ARCHITECT - ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER <i>(If any)</i>
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PART II – GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>
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2a. FIRM (OR BRANCH OFFICE) NAME Stantec Consulting Services Inc.			3. YEAR ESTABLISHED 2010	4. UNIQUE ENTITY IDENTIFIER 07-872-1820
2b. STREET 6900 Professional Parkway East			5. OWNERSHIP	
2c. CITY Sarasota	2d. STATE FL	2e. ZIP CODE 34240-8414	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Michael A. Kennedy, PE, Executive Vice President			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (941) 907-6900		6c. E-MAIL ADDRESS mike.kennedy@stantec.com		
7. NAME OF FIRM <i>(If block 2a is a branch office)</i> Stantec Inc.				

8a. FORMER FIRM NAME(S) <i>(If any)</i>		8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
Stantec Consulting Services Inc. (Station Way, Sarasota, FL)		2006	04-850-4554

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(See Below)</i>
		(1) Firm	(2) Branch			
02	Administrative	3426	21	C15	Construction Management	9
06	Architect	946	0	E02	Educational Facilities, Classrooms	10
07	Biologist	266	5	E09	EIS, Assessments of Statements	10
08	CAD Technician	665	13	H07	Highways; Streets; Airfield Paving; Parking Lots	10
12	Civil Engineer	2529	32	H11	Housing (Residential, Multi-Family, Apts, Condos)	10
14	Computer Programmer	457	2	I01	Industrial Buildings, Manufacturing Plants	9
15	Construction Inspector	292	7	O01	Office Buildings, Industrial Parks	9
21	Electrical Engineer	707	0	P05	Planning (Comm., Regional, Areawide and State)	9
23	Environmental Engineer	435	1	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	934	5	R04	Recreation Facilities (Parks, Marinas, Etc.)	8
29	GIS Specialist	203	3	S04	Sewage Collection, Treatment and Disposal	10
30	Geologist	229	1	S13	Storm Water Handling & Facilities	8
34	Hydrologist	103	1	T03	Traffic & Transportation Engineering	10
38	Land Surveyor	356	16	T04	Topographic Surveying and Mapping	5
39	Landscape Architect	229	5	W02	Water Resources, Hydrology, Ground Water	9
47	Planner, Urban/Regional	276	5	W03	Water Supply, Treatment and Distribution	10
48	Project Manager	676	0	Z01	Zoning, Land Use Studies	5
57	Structural Engineer	739	0			
58	Technician/Analyst	1869	0			
62	Water Resources Engineer	60	1			
	Other	2065	0			
Total		17462	118			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(insert revenue index number shown at right)</i>	PROFESSIONAL SERVICES REVENUE INDEX NUMBER
a. Federal Work	10
b. Non-Federal Work	10
c. Total Work	10

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.
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a. SIGNATURE 	b. DATE December 1, 2019
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c. NAME AND TITLE Michael A. Kennedy, PE, Executive Vice President
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ARCHITECT - ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER (If any)
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PART II – GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>
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2a. FIRM (OR BRANCH OFFICE) NAME Stantec Consulting Services Inc.			3. YEAR ESTABLISHED 2012	4. UNIQUE ENTITY IDENTIFIER 07-872-1737
2b. STREET 777 S Harbour Island Boulevard, Suite 600			5. OWNERSHIP	
2c. CITY Tampa	2d. STATE FL	2e. ZIP CODE 33602-3921	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE David A. Kemper, PE, Senior Principal			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (813) 223-9500		6c. E-MAIL ADDRESS david.kemper@stantec.com		
7. NAME OF FIRM (If block 2a is a branch office) Stantec Inc.			8a. FORMER FIRM NAME(S) (If any)	
MWH Americas Inc.			8b. YEAR ESTABLISHED 1993	8c. UNIQUE ENTITY IDENTIFIER 14-865-2431

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	3426	37	B02	Bridges	10
07	Biologist	266	1	C15	Construction Management	9
08	CAD Technician	665	6	C16	Construction Surveying	7
12	Civil Engineer	2529	22	E02	Educational Facilities, Classrooms	10
14	Computer Programmer	457	1	E09	EIS, Assessments of Statements	10
21	Electrical Engineer	707	3	E12	Environmental Remediation	10
23	Environmental Engineer	435	1	H07	Highways; Streets; Airfield Paving; Parking Lots	10
24	Environmental Scientist	934	4	H09	Hospital & Medical Facilities	10
29	GIS Specialist	203	4	H11	Housing (Residential, Multi-Family, Apts, Condos)	10
34	Hydrologist	103	2	I01	Industrial Buildings, Manufacturing Plants	9
37	Interior Designer	246	1	O01	Office Buildings, Industrial Parks	9
38	Land Surveyor	356	19	P05	Planning (Comm., Regional, Areawide and State)	9
39	Landscape Architect	229	3	P06	Planning (Site, Installation, and Project)	9
42	Mechanical Engineer	641	2	R04	Recreation Facilities (Parks, Marinas, Etc.)	8
47	Planner, Urban/Regional	276	4	S04	Sewage Collection, Treatment and Disposal	10
48	Project Manager	676	8	S10	Surveying, Platting, Mapping, Flood Plain Studies	8
57	Structural Engineer	739	4	S13	Storm Water Handling & Facilities	8
58	Technician/Analyst	1869	4	T03	Traffic & Transportation Engineering	10
60	Transportation Engineer	229	3	T04	Topographic Surveying and Mapping	5
62	Water Resources Engineer	60	1	U02	Urban Renewals; Community Development	9
	Other	1386	3	W02	Water Resources, Hydrology, Ground Water	9
Total		17462	133	W03	Water Supply, Treatment and Distribution	10

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(insert revenue index number shown at right)</i>	PROFESSIONAL SERVICES REVENUE INDEX NUMBER
a. Federal Work	10
b. Non-Federal Work	10
c. Total Work	10

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.
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a. SIGNATURE 	b. DATE December 1, 2019
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c. NAME AND TITLE David A. Kemper, PE, Senior Principal

ARCHITECT - ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

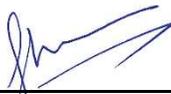
PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Stantec Consulting Services Inc.			3. YEAR ESTABLISHED 2019	4. UNIQUE ENTITY IDENTIFIER 11-694-5918
2b. STREET 1551 Sawgrass Corporate Parkway, Suite 440			5. OWNERSHIP	
2c. CITY Sunrise	2d. STATE FL	2e. ZIP CODE 33323-2892	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Sangeeta Dhulashia, PE, PMP, Senior Principal			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (954) 618-9813		6c. E-MAIL ADDRESS sangeeta.dhulashia@stantec.com		
7. NAME OF FIRM (If block 2a is a branch office) Stantec Inc.			8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED
				8c. UNIQUE ENTITY IDENTIFIER

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	3426	3	S04	Sewage Collection, Treatment and Disposal	10
05	Archaeologist	233	0	S13	Storm Water Handling & Facilities	8
06	Architect	946	0	W02	Water Resources, Hydrology, Ground Water	9
07	Biologist	266	0	W03	Water Supply, Treatment and Distribution	10
08	CAD Technician	665	0			
12	Civil Engineer	2529	3			
14	Computer Programmer	457	0			
15	Construction Inspector	292	1			
21	Electrical Engineer	707	1			
23	Environmental Engineer	435	0			
24	Environmental Scientist	934	0			
30	Geologist	229	0			
37	Interior Designer	246	0			
38	Land Surveyor	356	0			
39	Landscape Architect	229	0			
42	Mechanical Engineer	641	0			
47	Planner, Urban/Regional	276	0			
48	Project Manager	676	0			
57	Structural Engineer	739	1			
58	Technician/Analyst	1869	0			
	Other	1311	0			
Total		17462	9			

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	10	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million	10. \$50 million or greater	
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE December 1, 2019
c. NAME AND TITLE Sangeeta Dhulashia, PE, PMP, Senior Principal	

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFP No. 2020-58

PART II - GENERAL QUALIFICATIONS

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

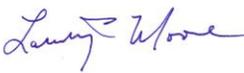
2a. FIRM (OR BRANCH OFFICE) NAME Tierra, Inc.			3. YEAR ESTABLISHED 1992	4. DUNS NUMBER 794753707
2b. STREET 7351 Temple Terrace Highway			5. OWNERSHIP	
2c. CITY Tampa			a. TYPE Corporation	
2d. STATE Florida		2e. ZIP CODE 33637	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE Larry P. Moore, P.E., Vice President			c. CITY OF TAMPA W/MBE SLBE CERTIFICATION	
6b. TELEPHONE NUMBER (813) 989-1354		6c. E-MAIL ADDRESS lmoore@tierraeng.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			
2	Administrative	23		S05	Soils & Geologic Studies: Foundations	7
8	CADD Technician	3		T02	Testing and Inspection Services	6
15	Construction Inspector	52				
24	Environmental Scientist	4				
27	Foundation/Geotechnical Eng	30				
30	Geologist	1				
58	Technician	84				
	Other (Engineering Interns)	12				
Total		209				

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		
b. Non-Federal Work	8	
c. Total Work	8	
	1. Less than \$100,000.	6. \$2 million to less than \$5 million
	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
	4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
	5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE July 20, 2020
c. NAME AND TITLE Larry P. Moore, P.E., Vice President	

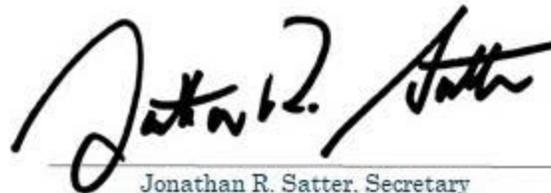
State of Florida

Minority Business Certification

Tierra, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

10/22/2019 to 10/22/2021



Jonathan R. Satter, Secretary
Florida Department of Management Services



Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd

Tab 3: Key Personnel/ Qualifications of the Team



Key Personnel/Qualifications of the Project Team

Meet Your Team

Stantec has over 350 personnel in the Florida Gulf area, including 109 in our Sarasota office. We understand innovation, collaboration, and a strong vision are necessary to create successful projects in our local communities. Our goal in each project is to provide social, environmental, and economic benefits in keeping with the physical site conditions, public expectations, and market realities of the projects. Of the 109 personnel in the local Sarasota office, the Sarasota Water/Utility group consists of 25 professional and technical staff with an additional 45 professionals and technical staff available in our Water/Utility group across the Florida Gulf area.

Our team brings a good knowledge and understanding of the City of North Port Utilities Department (NPU) and its infrastructure, with Stantec's Sarasota office having worked with NPU over 10 years. This team designs projects within the Florida Gulf area that meet utility provider's operational needs while supporting economic development and also protecting the region's environment. We have earned a strong reputation for helping local and nationally recognized clients realize the maximum potential of their vision and investment.

The Stantec community unites employees in over 400 locations. We collaborate across disciplines and industries to bring buildings, energy and resource, and infrastructure projects to life. Our work—professional consulting in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships.

We offer the complete range of professional design and planning services necessary to carry through planning approvals and permitting, to design and construction. Stantec's team of experts include project urban planners, utility/infrastructure engineers, and economic development specialists. Please find our full organizational chart, staff summaries, staff resumes and projects in the SF330 Forms in this Tab.

Project Leadership



Our Project Leadership for this project will be led by **Tracy Anderson, PE**, Stantec's Regional Discipline Leader in the Water Group. Tracy will serve as the Principal in Charge and has 28 years of utility design experience in planning, engineering, management, and construction of multi-disciplined municipal infrastructure projects. Tracy has been directly involved in the management and design of numerous water and wastewater infrastructure projects in the area that include water and wastewater treatment plant upgrades, planning, water distribution projects, wastewater collection and transmission systems, reclaimed and raw water mains, and wellfield projects.

Tracy will work with project managers to ensure that the Stantec project team has all resources necessary for project. His position as a Principal within Stantec allows him to connect the team to the company-wide resources known to him, as well as the available resources in Florida. This, along with his proactive approach to problem solving, strong project/team management skills, and focus on project goals, will establish the foundation for successful project delivery for work assignments under this contract.



Stephen MacEachern, PE, PSM, Client/Project Manager and Category 2 Lead. Stephen will be the main point of contact for this Continuing Professional Services contract and the individual projects. He has been living in Sarasota County and working in the consulting engineering field since 1994. Sixteen of those years have been with the Stantec office in Sarasota. His experience working on potable water, wastewater, and reclaimed water systems in the local area will be used to assist Sergio Hoyos, our treatment and storage systems lead, and Sangeeta Dhulashia, our planning lead, along with other personnel that will be involved in projects under this contract. Stephen's hydraulic modeling, stormwater

and utility design, and permitting experience with local and state agencies will assist him as the conveyance systems lead. His familiarity with NPU staff and their preferences on utility projects will be beneficial while working with the project team on deliverables.



Hal Schmidt, PE, BCEE, Technical Advisor. Hal is an incredible resource available to us for any North Port utility infrastructure project. His extensive knowledge of the utility facilities in North Port cannot be matched by any one consulting engineer. Hal also has over 38 years of experience in the planning, permitting, design, construction management, and start-up of over \$2.5 billion worth of wastewater capital improvement projects. His primary focus has been in the areas of advanced and high level biological nutrient removal, membranes, and reclamation, biosolids management, and resource recovery. His broad wastewater experience includes permitting, evaluation, and detailed design of water reclamation facilities, as well as biosolids management (thickening, dewatering, stabilization and resource recovery). He has served on numerous state and national forums and stakeholder work groups related to environmental rules, regulations and legislation, and emerging treatment technologies. He is active on numerous committees within the Water Environment Federation; served as a technical advisor/reviewer for the Water Reuse Research Foundation collaborative research projects and has co-authored a number of Manuals of Practices for wastewater treatment, water reuse, and biosolids management.



Sergio Hoyos, PE, Category 1 Lead. Sergio has over 15 years of engineering, project management, and construction management experience in industrial and municipal water/wastewater analysis and design that include reclamation facilities, sanitary sewer, water supply and distribution studies, numerous large pump stations including pipelines and distribution systems. His experience includes drainage, gravity sewer design and associated civil engineering services as well as pumping system and related mechanical designs. He is responsible for numerous water and wastewater facilities designs. He has extensive experience developing scopes of work, schedules, budgets, permitting, and bidding assistance services.

Prior to joining Stantec, Sergio was responsible for the construction management of five of the largest wastewater treatment projects under the Consent Decree program for Miami-Dade WASD.



Sangeeta Dhulashia, PE, PMP, Category 3 Lead. Sangeeta, a Senior Principal with Stantec, has 24 years of experience in water, wastewater and reuse engineering with majority of focus in integrated utility planning. Sangeeta has managed more than 16 master plans in the Tampa Bay area. Sangeeta brings forward the ability to understand NPU's utility needs with transfer them in to functioning models and planning studies. Her technical expertise encompasses utility planning, process optimization, treatment plant design for water, wastewater, and reuse, regulatory compliance and permit assistance, construction management, CIP development, rate studies, impact fee updates, and bond engineering.

Staff Summary



David Socha, PE, CFM, PMP, Process Mechanical Engineering Study/Design. David has 25 years of experience in process mechanical engineering design, operations management, process optimization, and project management in the water/wastewater and mid stream oil and gas industries, as well as extensive experience in process simulation, process safety management, and design engineering management experience, for a wide array of projects across several industries such as water and wastewater, oil and gas, fertilizer, food, pulp and paper and others.



Jeovanni Ayala-Lugo, PE, Process Mechanical Engineering Study/Design. Jeovanni is a process engineer with over 18 years of experience focusing on wastewater and residuals treatment. His experience includes residuals master plans, design, condition assessments, construction and startup of wastewater and residuals facilities. Jeovanni has worked on preliminary and final designs, served as plant construction supervisor and design manager for projects and has prepared operations manuals and standard operating procedures.



Soli Rojas, PE*, Process Mechanical Engineering Study/Design. Soli has been working with water and wastewater projects for over 15 years. He has provided civil and mechanical design services and as construction services for a wide variety of large municipal projects. His experience includes Owner's representative, supervision of construction activities, review of civil and mechanical submittals, requests for additional information, permitting documents, and review of contractor pay applications. (*Venezuela licensing)



John Spalding, PE, Pipeline and Pump Stations. John is a civil and environmental engineer with over 14 years of experience in utility and site civil engineering, including the design of water and reclaimed water conveyance, wastewater collection and conveyance, and treatment systems. He has experience developing construction plans and specifications and providing services during bidding and construction for NPU. John has been involved in *over a dozen NPU projects in the past five years*, which includes projects that he served as Project Manager or Engineer of Record.

Rick Cowles, PG, Surface and Groundwater Resource Management. Rick is a Senior Hydrogeologist with over 27 years of experience in groundwater supply development and other environmental issues. He has designed, permitted and provided construction oversight for DIWs and ASR wells and is currently working on a 50 ASR well system for SFWMD. Rick also has designed and installed numerous production wells for drinking water supply.

Nyc Sharma, Surface and Groundwater Resource Management. Nyc is a skilled hydrogeologist. Her background includes stochastic hydrology, well design and development, sedimentology, stratigraphy, geochemistry, isotope hydrology, field geology, water resources management, and geostatistics.

Neil Johnson, PG, PMP, Regulatory Permitting. Neil has more than 30 years of experience as a hydrogeologist, geologist, driller, geotechnical inspector, and environmental technician. His experience includes construction oversight, testing, and rehabilitation of production wells, Underground Injection Well (UIC) Class I Injection well systems and UIC Class V Aquifer Storage and Recovery (ASR) wells; development of drilling and sampling plans; monitor well installation; interpretation of hydrogeologic, geophysical, and geochemical data; regulatory coordination; and report preparation.

Raymond Dennis, PWS, Regulatory Permitting. Raymond has dedicated his 28 year career to assisting clients in achieving their project objectives while protecting and restoring natural resources. The focus of Raymond's scientific training and experience has been on coastal and freshwater wetland ecology, habitat restoration, and wildlife management. His experience includes protected flora and fauna and their habitats, surface and ground water quality, soils, and community issues.

Elizabeth Eardley Regulatory Permitting. Ms. Eardley is an Ecologist with 20 years of experience in the environmental industry. Her expertise includes water use and environmental resource permitting with SWFWMD, water quality sampling, analysis, reporting, and results interpretation. She has an extensive background in wetland and habitat mapping, ecological constraints analysis, and wildlife and listed species surveys. She assisted with the environmental resource and US Army Corps of Engineers permitting for the *N. Salford Bridge Water Main Replacement* project and several others in the City.

Manuel Perez, GISP, GIS/Analytics. Manny has over 11 years of GIS experience. His skills include geodatabase design, data conversion, manipulation, collection, and maintenance. He provides Enterprise GIS solution design and implementation, including GIS Servers, enterprise geodatabase platforms, and web map application support. He offers extensive knowledge of GIS technology as applied to land use planning, water resources, land development and utility networks.

Corey Berner, GISP, GIS/Analytics. Corey has six years of experience in the natural and physical sciences providing GIS applications to national, state, and local agencies. His skills include the use of ArcGIS software; web application editing; web-map development; data analysis; potable and sanitary sewer network editing; transportation asset collection, cataloging, and network design; energy transmission line site planning & analysis; PD&E studies; and cartographic exhibit expertise.

Craig Kaltenbach, PE, Structural Engineer. Craig has 25 years of experience in structural engineering. His emphasis has been in the design and construction support services for various structures ranging from the rehabilitation and retrofit of existing facilities to the design of new facilities. He recently has focused his structural design on water and wastewater treatment plants. Craig provides the design for all structural elements as needed for identified structural improvements in water, wastewater, and general facilities improvement projects.

John Nel, AsCT, PMP, Electrical/I&C. John is an accomplished senior electrical and instrumentation engineer with over 30 years of experience. He has been actively involved with leading edge technology in the Electrical and Controls fields and has provided services from electrical and I&C system design, electrical studies and reports, evaluations, condition assessments of existing facilities, PLC and SCADA HMI programming, PLC training, implementation, and commissioning.

Brad Buchanan, PE, Electrical/I&C. Brad has experience involving electrical service and generator sizing, power distribution, instrumentation and controls, electrical code compliance, and preparation of construction plans and specifications. He has been involved with plant and pump station projects. His project experience includes providing complete electrical design, motor control, instrumentation & controls, standby power system design, HVAC controls, PLC and local HMI design. Brad is the electrical engineer on the *Myakkahattchee Creek WTP Transfer Pump* project.

Carl Chan, PE, D. WRE, Hydraulic Modeling. Carl is a water resources engineer with over 20 years of industry experience on wastewater collection systems. Carl is committed to the water industry through his leadership roles with WEF Collection System Committee Modeling Technical Practice Group and I/I Technical Practice Group. He specializes in using a variety of collection system modeling platforms to meet clients' hydraulic modeling needs during the planning, design, and implementation phases.

Marc Lean, PE CEI. Marc brings more than 15 years of experience from projects in water, wastewater, and reclaimed water work. Marc has managed several multi-million dollar projects including several thousand feet of pressure pipes ranging in size from 4-to-36-inch diameter, raw water well pumping stations, wastewater pumping stations, and ASR wells. Through each of these projects, Marc works to address all issues in a timely manner to prevent time sensitive issues, all the while delivering them on schedule and within budget.

Shana Wygonik, RA, LEED AP, Architecture. Shana is experienced with the common architectural constraints and unique opportunities presented by public works projects, economic considerations, neighborhood design contexts, expansion capabilities and renovation and rehabilitation of existing facilities. Shana's professional history includes preparing architectural designs on a wide range of project including water and wastewater treatment facilities. Her experience includes programming, architectural design, specifications writing, permitting, and construction.

Andrew Burnham, Utility Rate Studies. Andy has extensive experience in conducting and overseeing cost of service allocations, long-term financial planning analyses, and development of alternative rate structures for a variety of utility systems including water, wastewater, and reclaimed water. He has led well over 500 studies for 150+ local governments and has supported our clients in the issuance of \$1 billion of bonds for projects in the past 5 years.

Brian LaMay, PE, Operations and Maintenance. Brian has 20 years of experience in the civil and environmental field, with an emphasis in the detailed design of water and wastewater treatment plants. His background includes designing wastewater and water treatment plants, pipelines, chemical feed systems, piping systems, wells, and pump stations.

Frank Domingo, PE, Traffic/MOT. Mr. Domingo brings over 30 years of comprehensive infrastructure, and transportation planning. His professional experience includes nearly 9 years in local government with Sarasota County culminating in the role of County Engineer. His skill sets encompass conceptual planning, feasibility analysis, roadway design, right-of-way acquisition, permitting, and community relations. Frank has FDOT Advanced Workzone Certification and oversees all maintenance of traffic plans that are prepared in our Sarasota office.

Joe Jacangelo, Ph.D, Direct Potable Reuse. Joe has over 35 years of experience in the field of environmental health engineering and has specialized in the areas of water quality and treatment, water and wastewater disinfection, and public health. His background includes experience in laboratory and pilot plant studies, microbiological research, use of membrane technology, ultraviolet irradiation, and alternative chemical disinfectants such as ozone and chloramines. He has been a senior author or co-author on over 100 publications and serves as a member of several technical societies and associations. Joe was involved in the Water Research Federation project assessing the Contribution of Water Reuse Practices to Nutrient Impaired Water. The development of a reconnaissance marker to discern the source to load relationship between reuse water irrigation and nutrient impairment of receiving water. *The City of North Port Utilities Department is a project participant.*

Michael Priest, PE, BCEE, Direct Potable Reuse. Mike is a leading expert in the field of treatment process design and construction, and has extensive experience in the planning, investigation, and design of water treatment plants. He brings 21 years of specialized work experience in process design and interdisciplinary design management of conventional and advanced water and wastewater treatment processes including flocculation and sedimentation, granular media and membrane filtration, and ozone, UV, and chlorine disinfection. His process design and design management experience spans over 30 projects and 1.3 billion gallons per day capacity. Mike has been involved in the development of eight of Stantec's largest advanced water treatment plant projects across the country.

James Borchart, PE, Direct Potable Reuse. Jim has 42 years of experience in engineering for water treatment, conveyance, and storage facilities. He is an award winning water treatment expert and is one of the lead authors of MWH's Water Treatment: Principles and Design, Third Edition. This textbook is used to teach water treatment in universities across the country. Jim has managed water quality studies, bench and pilot scale testing, facility planning and design, process evaluation, site development, hydraulic analysis, treatment plant design, construction management, and startup and operation on more than 125 treatment facilities. Jim has also served as technical advisor on more than 250 other treatment projects.

Mark Foster, PSM, Subsurface Utility. Mark has 35 years of Land Surveying experience in the State of Florida, with 25 years as a Licensed Professional Surveyor and Mapper. His current responsibilities include supervision of field and office personnel and Stantec's Survey and Subsurface Utility operations for our Florida Gulf area.

Joe Lacey, PSM, Survey & Mapping. Mr. Lacey has 30 years of experience as a Professional Land Surveyor and has extensive experience in many of the facets relating to the profession. His primary function with Stantec is the management of surveying operations. These duties include boundary analysis, supporting legal documents and easement sketches and descriptions.

Our Team

Tierra Inc.



Tierra Inc. is a full service consulting geotechnical, environmental and construction materials testing engineering firm. Tierra was established in 1992 as a geotechnical and materials engineering firm with the intent of building upon the many years of combined experience of our founding principals. Our organization is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas. Tierra is certified as a Minority Business Enterprise (MBE) by the Florida Department of Management Services, Office of Supplier Diversity.

Our staff of approximately 200 professionals includes principal engineers, staff engineers, geotechnical and construction inspectors and technicians. Our technicians are certified through CTQP, ACI and FDOT with 5 to more than 30 years of experience in geotechnical, construction, laboratory and field materials testing and inspection services. We feature Masters Degree and Ph.D level educational background among our Registered Professional Engineers on staff.

MSB Surveying Inc.

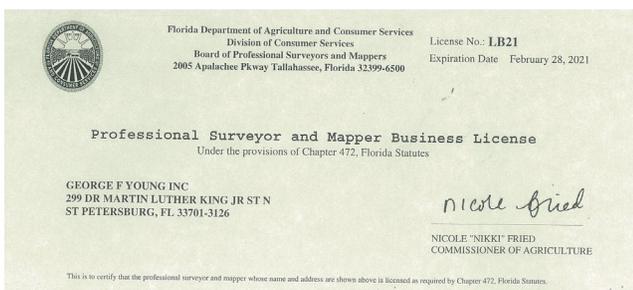
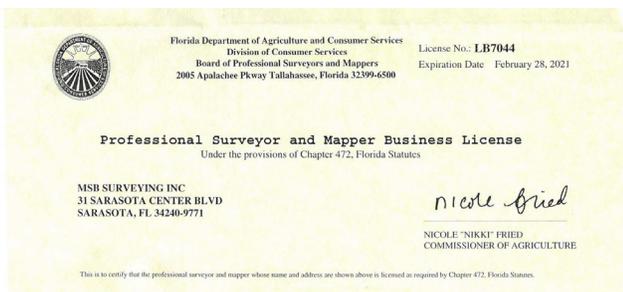


MSB Surveying Inc. was formed in 2000 as a Florida Corporation providing surveying and mapping services for both the public and private sectors. Our mission is to deliver in a timely manner high quality and accurate services through the support of advanced GPS and robotic technologies, while ensuring the protection of the public's best interest by upholding a high ethical standard and adhering to the regulations set forth by the State of Florida. We fully understand that we must earn your loyalty with every service we perform. We are experienced in producing surveys for permitting for the Department of Environmental Protection, Southwest Florida Water Management District, US Army Corps of Engineers, and local municipalities.

George F. Young Inc.



Founded in St. Petersburg, Florida in 1919 by pioneer Engineer and Surveyor George Fleming Young; **George F. Young Inc.** (GFY) has been in continuous operation in Florida for 100 years and remains a local, Florida-owned company today. Over the years GFY has earned a reputation for innovation as well as integrity, responsiveness, and dedication to service. We've completed projects throughout Florida and the Caribbean Basin while continuing to stand by the core values that Mr. Young built this company on almost 100 years ago. GFY and its local staff have worked within Sarasota County since the 1970s. GFY has worked with Stantec on 65 Subsurface Utility Engineering (SUE) projects, including 36 within Sarasota County.



Organizational Chart

*SBE/MBE



PRINCIPAL IN CHARGE
Tracy Anderson, PE

TECHNICAL ADVISOR/QA
Harold Schmidt, PE, BCEE

CLIENT/PROJECT MANAGER
Stephen MacEachern, PE, PSM

Category 1: Water, Wastewater, and Reclaimed Water Treatment & Storage Systems

Sergio Hoyos, PE

Category 2: Water, Wastewater, and Reclaimed Water Conveyance Systems

Stephen MacEachern, PE, PSM

Category 3: Water, Wastewater, and Reclaimed Water Planning

Sangeeta Dhulashia, PE, PMP

SUPPORT SERVICES

PROCESS MECHANICAL ENG. STUDY/DESIGN

David Socha, PE, PMP
Jeovanni Ayala-Lugo, PE
Soli Rojas

PIPELINES AND PUMP STATIONS

Tracy Anderson, PE
John Spalding, PE
Sergio Hoyos, PE

SURFACE AND GROUNDWATER RESOURCE MGMT

Rick Cowles, PG
Nyc Sharma

ADVANCED PROCESS ENGINEERING

David Socha, PE, PMP
Jeovanni Ayala-Lugo, PE

REGULATORY PERMITTING

Neil Johnson, PG
Raymond Dennis, PWS
Elizabeth Eardley

GIS/ANALYTICS

Manny Perez, GISP
Corey Berner, GISP

STRUCTURAL ENGINEERING

Craig Kaltenbach, PE

ELECTRICAL / I&C

Brad Buchanan, PE
John Nel, AsCT

HYDRAULIC MODELING

Carl Chan

CEI

Marc Lean, PE

ARCHITECTURE

Shana Wygonik, RA, LEED AP

UTILITY RATE STUDIES

Andrew Burnham

OPERATIONS AND MAINTENANCE

Brian LaMay, PE

TRAFFIC/MOT

Frank Domingo, PE

GEOTECHNICAL

Tierra Inc.*

DIRECT POTABLE REUSE

Joe Jacangelo, Ph.D
Michael Priest, PE
James Bochart, PE

SUBSURFACE UTILITY / SURVEY & MAPPING

Mark Foster, PSM (SUE) George F Young Inc.
Joe Lacey, PSM (Survey) MSB Surveying Inc.*

Meet Your Client Manager



Stephen MacEachern PE

Education:

Dalhousie University (fka Technical University of Nova Scotia)
Bachelor of Engineering, Civil Engineering, Halifax, Nova Scotia, 1992

Years of Total Experience:
27

Years of Experience Serving as a Client Manager For Other Municipalities:
6

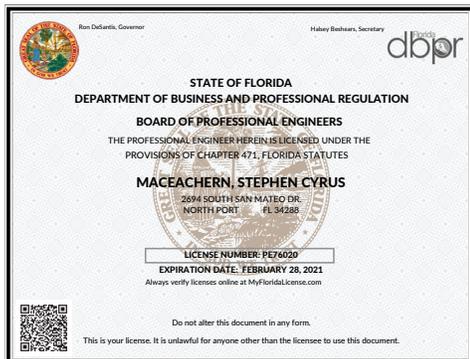
Contact:
stephen.maceachern@stantec.com
(941) 907-6900

Stephen has over **27 years of experience** as a project engineer and a project manager on a variety of municipal projects that have included services such as conveyance and pump stations, wastewater collection, treatment facility improvements, infrastructure master planning, water reuse, hydraulic modeling, and construction phase services. His experience also includes stormwater modeling and design, site civil design, and development permitting.

As a North Port resident for over 15 years, he has watched the community grow and feels pride and enjoyment in working with NPU staff to make the community a better place to live and work. As Client Manager, Stephen will endeavor to maintain a positive and productive working relationship between Stantec and NPU as Stantec's water team works to support the City's mission to provide quality water and sewer services to customers and accommodate the community's continued growth.

Key Projects:

- US 41 Roundabout at 10th and 14th Utility Relocation | Sarasota, Florida | Engineer of Record**
This was a JPA project between the City of Sarasota and FDOT. Design of 2,600 linear feet of new 12-inch PVC water main on US-41 from 9th Street to 15th Street. Project includes a 300 linear feet directional drill of a 14-inch HDPE water main under a large storm culvert and two 425 linear feet horizontal directional drills of a 24-inch HDPE and a 30-inch HDPE casing under US 41.
- Canal Road Water Main Replacement | Bradenton, Florida | Engineer of Record**
Project Manager responsible for the design, construction plans, permitting, technical specifications, and Engineer of Record during construction. The project consist of the replacement of an existing 6,800 linear feet 16-inch PVC water main with a new 16-inch DIP water main. There were three Horizontal directional drills of 18-inch HDPE water main totaling over 1,000 linear feet and also a 170 linear feet jack-and-bore of a 36-inch casing under FDOT right-of-way.
- Southeast AC Water Main Replacements | City of Sarasota, Florida | Project Manager**
Assisted with final design, permitting, bidding and construction administration and inspection services for the City Utility program to replace smaller, frail and aging water distribution systems with new, larger mains with fire hydrants. The program serves to improve system pressures and fire protection in mature areas of the City, while minimizing ongoing maintenance. The southeast segment consists of 11 streets, totaling 12,665 linear feet of 4-inch and 6-inch mains, generally located northeast of the Bahia Vista Street/Tuttle Avenue intersection. The preliminary design phase included the preparation of a details sequencing of construction plan in order to minimize the impact to customers.
- Myakka Potable Water Booster Station | Charlotte County, Florida | Project Manager**
Project Manager responsible for the design, construction plans, technical specifications, permitting and services during construction for a 5 MGD inline potable water booster pump station. The booster station consists of a skid containing three vertical split case pumps housed in a structure.
- Bee Ridge WRF Phase 2 Expansion | Sarasota, Florida | Project Engineer**
Assisted with the process mechanical piping design and was responsible for the site civil improvement design and FDEP Environmental Resource Permitting associated with the facility expansion. The facility's capacity was expanded to 12 MGD with the addition of aeration basin, aeration system, and related site and process improvements.



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Stephen MacEachern, PE, PSM	Client Manager, Category 2 Project Manager	a. TOTAL	b. WITH CURRENT FIRM
		27	16
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Dalhousie University (fka Technical University of Nova Scotia) Bachelor of Engineering, Civil Engineering, Halifax, Nova Scotia, 1992		State of Florida, Professional Engineer #76020 State of Florida, Professional Land Surveyor #LS6624	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	US 41 Roundabout at 10th and 14th Utility Relocation Sarasota, FL	2016	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Engineer of Record. Design of 2,600 linear feet of new 12-inch PVC water main on US-41 from 9th Street to 15th Street. Project includes a 300 linear feet directional drill of a 14-inch HDPE water main under a large storm culvert and two 425 linear feet directional drills of a 24-inch HDPE and a 30-inch HDPE casing under US 41. Also included are new water services, reconnection to existing water mains within the project limits and placement of old AC water mains out of service. Several jack-and-bores across US 41 were also necessary to install steel casings for the PVC water main carrier pipes. Responsible for design, specifications, quantities, construction cost estimate, and all utility permits acquisition the Health Department and FDEP. This project was executed under a Joint Participation Agreement with FDOT District 1 for roadway improvements on US-41 including two new roundabouts. The project also included relocation of existing sanitary gravity sewer with the construction of 820 linear feet of new 12-inch and 14-inch sanitary sewer gravity pipe and six sanitary manholes.		
b.	Canal Road Water Main Replacement Bradenton, FL	2014	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager responsible for the design, construction plans, permitting, technical specifications, and Engineer of Record during construction. The project consist of the replacement of an existing 6,800 linear feet 16-inch PVC water main with a new 16-inch DIP water main. There were three Horizontal Directional Drills Of 18-inch HDPE water main totaling over 1,000 linear feet and also a 170 linear feet jack-and-bore of a 36" casing under FDOT right-of-way. The existing PVC water main is experiencing numerous failures due to rock bedding and/or rock backfill in certain areas.		
c.	Southeast AC Water Main Replacements City of Sarasota, FL	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Assisted with final design, permitting, bidding and construction administration and inspection services for the City Utility program to replace smaller, frail and aging water distribution systems with new, larger mains with fire hydrants. The program serves to improve system pressures and fire protection in mature areas of the City, while minimizing ongoing maintenance. The southeast segment consists of 11 street, totaling 12,665 LF of 4-inch and 6-inch mains, generally located northeast of the Bahia Vista Street/Tuttle Avenue intersection.		
d.	Myakka Potable Water Booster Station Charlotte County, FL	2018	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager responsible for the design, construction plans, technical specifications, permitting and services during construction for a 5 MGD inline potable booster pump station. The pump station consists of a skid containing three vertical split case pumps housed in a structure. This pump station will increase capacity of one of the two crossings of the Myakka River, allowing for future replacement of the existing crossing and future growth in west Charlotte County. The building housing the potable water skid is shared with a new Vacuum Sewer system for a septic to sewer project the County was doing in the area.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Tracy Anderson, PE	Principal in Charge	a. TOTAL	b. WITH CURRENT FIRM
		28	24
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Arizona State University, BS, Civil Engineering Tempe, Arizona, 1995		Professional Engineer #77514, State of Florida Professional Engineer #48969, State of Colorado Professional Engineer #39112, State of Louisiana Professional Engineer #37264, State of Arizona	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	West River Inceptor Overflow Pump Station and Force Main, City of Tampa, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2017	2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Tracy was the design manager and Engineer-of-Record. As design manger, he was responsible for the overall coordination of technical discipline staff as well as routing, permitting, design, and preparation of construction documents. This fast-track, emergency, progressive design-build project prevents overflows of raw sewage during wet-weather flow events from one of the City of Tampa’s major gravity interceptors and inverted siphons under the Hillsborough River. Stantec provided professional engineering services for the design-build contractor that consisted on design, surveying, permitting, and engineering services during construction. The design consisted of approximately 10,000 linear feet of 20-inch force main through an urban environment within the rights of way. The self-priming centrifugal pump station was 300-HP with a flow rate of 3,660 GPM. The entire project was designed and constructed within eight months—just in time for the 2018 storm season			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Force Main 1D Rehabilitation, Manatee County, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2014	2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal-in-Charge. Pre-design, detailed engineering, and construction phase engineering services for approximately 2.5-miles of 20- and 24-inches PVC force main and 700-feet of 15-inches PVC sewer interceptor within a congested county arterial roadway near a regional medical trauma center. To reduce traffic impacts during construction, the project included construction of approximately two miles of the force main utilizing horizontal directional drilling (HDD) and fusible PVC. The project also included utility investigation/coordination, topographic and utility surveying, coordination and definition of construction easement requirements for drill site and pipe string layout			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Morrison Water Treatment Plant Expansion, Morrison, CO	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2010	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal-in-Charge. Progressive Design-Build expansion of the Town of Morrison’s water treatment plant (WTP). Preliminary studies had recommended that microfiltration (MF) membrane filtration be installed to expand the WTP capacity to 500,000 gpd, with future expansion to 1.0 mgd. The project included the construction of a new water treatment building and upgrades to the existing sewer system to accommodate backwash waste from the future expansion. Pretreatment processes include coagulation, flocculation, and sedimentation, with retrofit of the existing media filter basin to a holding tank before the pressure-feed MF membranes.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	City of Brush WWTP Expansion, Brush, CO	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2008	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Design, permitting, and Resident Engineering for the 1.3 MGD expansion of the city’s existing WWTF. The design accommodates more stringent discharge criteria, accounts for residential and light commercial/industrial growth within the city. The project converted the existing trickling filter system to an advanced biological nutrient removal process. Improvements also included a complete reconstruction of the anaerobic digester, including new mixing pumps, heat exchanger, and piping.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Harold Schmidt, PE, BCEE	Technical Advisor/QAQC	a. TOTAL	b. WITH CURRENT FIRM
		39	13
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Vanderbilt University, MS/MSc, Engineering, 1981 Vanderbilt University, BE/BEng, Engineering, 1980		Florida Board of Professional Engineers, Professional Engineer #38819	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Reverse Osmosis Water Treatment Plant and SCADA System Upgrades Venice, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Hal was the project director for the City's membrane and SCADA replacement project at their ROWTP. This project replaced and upgraded the RO membrane and SCADA system. Stantec's services included development of the procurement documents, management of the design phase and construction activities. The construction of the upgrades to the City's WTP began in September 2013, completed in June 2015, and was performed without impacting the level of service to the customers. The work included replacement of the membranes and skids, membrane feed pumps, variable frequency drives, cartridge filters; sodium hypochlorite feed, anti-scalant and clean-in-place systems and miscellaneous piping and appurtenances, electrical and instrumentation systems upgrade and associated off-site wellfield facilities.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Howard F. Curren Advanced Wastewater Treatment Plant Biogas Utilization Study, Tampa, FL	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(if applicable)</i> 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Hal directed the Technical Advisory Team. Stantec evaluated the various uses of biogas produced from the City's Howard F. Curren 96-MGD Advanced Wastewater Treatment Plant (AWWTP). The biosolids management facilities includes gravity thickening of the waste activated sludge (WAS) from the biological processes (high purity oxygen activated sludge and second stage activated sludge (nitrification), anaerobic digestion, dewatering using belt filter presses, and sludge drying facilities for Class AA end product. The digester gas from the anaerobic digestion process is used for mixing the digesters, co-generation, and firing boilers for the digestion heating process during the winter months.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Miami-Dade Water and Sewer Department Consent Decree Projects, Miami, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Hal was responsible for the technical oversight of Miami-Dade Water and Sewer Department's \$2.2 billion wastewater capital improvements program at their three regional WWTPs. These projects have included work associated with both liquid and solids treatment processes. The work included upgrades to the anaerobic digestion facilities at the Central and South District WWTPs; upgrades to the headworks facilities at Plants 1 and 2 at the CDWWTP; upgrades to the oxygen production facilities at the CDWWTP and SDWWTP; new sludge thickening and dewatering facilities at the SDWWTP and the CDWWTP; new biogas treatment facilities at the CDWWTP to provide suitably clean biogas to the Co-Gen building; evaluation of incorporating process modifications to operate the high purity oxygen (HPO) activated sludge facilities at the CDWWTP to operate in the step-feed activated sludge mode during wet weather conditions.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Intermediate and Master Lift Station, New Smyrna Beach, FL	PROFESSIONAL SERVICES 1998	CONSTRUCTION <i>(if applicable)</i> 1998
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Hal oversaw planning, design, permitting and construction management associated with these two pump stations (intermediate and master pump stations). The intermediate pump station was a triplex station with a capacity of 3.0 MGD (adf) and 7.5 MGD (peak), and the master pump station consisted of four pumps with a total capacity of 7.0 MGD and 15 MGD (peak). Each of the pumps were equipped with VFDs.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Sergio Hoyos, PE	Category 1 Lead	a. TOTAL	b. WITH CURRENT FIRM
		16	1
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Universidad Pontificia Bolivariana, BS Civil Engineering Bucaramanga, Santander, Colombia, 2000 California State University – Los Angeles, MS Civil Engineering, Los Angeles, California, 2005		Professional Engineer #71781, State of Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	South County Regional Water Treatment Plant (SCRWTP) Belt Filter Replacement Project, Collier County, Florida	2019	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Stantec was contracted to perform Construction Engineering and Inspection services (CEI) for the replacement and installation of the new Lime Sludge Belt Filter Press at the SCRWTP. Sergio served as the Construction Manager and Engineer of Record for the project, which included assistance during start-up and commissioning as well as preparation of Record Drawings. Total construction cost was in the order of \$0.4 million.		
b.	Beach Outfall Pump Station Restoration & Water Quality Improvements. City of Naples, Florida	2019	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Provided services which included the replacement of sodium aluminate and sodium bisulfite storage and feed systems. Sergio Hoyos' duties included project management and client communications, preliminary and final design, bidding assistance, and construction phase services; estimated project costs are \$1 million. Professional service fees are about \$0.25 million.		
c.	Brackish Water Reverse Osmosis Treatment Plant. City of Hialeah, Florida	2008	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	Mr. Hoyos performed preliminary and final design, cost estimating, and construction services for this RO project. His firm performed preliminary design of a 17.5 MGD plant, and associated production wells, raw water supply piping, finished water transmission piping, sewage force main and injection wells for concentrate disposal. Project included oversight of a DB contractor for the final design and construction/start up phases of the treatment plant, oversight of other design consultants for the well sites and pipelines, detailed design and CEI services for site preparation and deep injection well pumping station.		
d.	Snapfinger (98 mgd) and Pole Bridge (110 mgd) Creek AWTF's Expansion. DeKalb County, Georgia	2008	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	This project provides for the expansion of the Snapfinger AWTF from 36 to 100.4 mgd and 43 to 56 mgd at the Pole Bridge Creek AWTF. Sergio Hoyos' duties included process mechanical design for both projects' influent lift stations and headworks. The headworks at both sites contain fine screening and fine grit removal to protect downstream MBR and anaerobic digester facilities, with provisions for future addition of biosolids drying facilities and/or energy recovery facilities. Projects included UV disinfection system as a final treatment stage for both locations. Order of magnitude for overall project is \$700 million. The retrofit activities at Pole Bridge included the replacement of three existing 6,000 gpm small pumps and two 12,000 gpm larger pumps from a firm flow capacity of 30,000 to 39,000 gpm by year 2035. The Snapfinger AWTF influent lift station will be a complete new facility.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Sangeeta Dhulashia, PE, PMP	Category 3 Lead	a. TOTAL	b. WITH CURRENT FIRM
		24	17
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Sunrise, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Florida International University, MS Environmental Engineering, Miami, Florida, 1999 Gujarat University, Bachelor of Engineering, Chemical Engineering, Ahmedabad, Gujarat, India, 1993		State of Florida, Professional Engineer #72284 Project Management Institute, Project Management Professional	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	City of Pompano Beach Water Master Plan - 2020 Plan, Pompano Beach, FL	2020	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		
	<input checked="" type="checkbox"/> Check if project performed with current firm Client Manager and Technical Advisor responsible for overseeing the modeling team. The team performed model reconstruction and setup. Unaccounted demand including flushing demand were identified for demand allocation. Performed model validation for extended period of 24 hour. Simulations were then performed to determine existing system deficiencies under various scenarios. Future demands were allocated and system wide analysis was performed to identify improvements and expansion needs for 2020. Extensive fire flow evaluation and recommendations were made. Criticality analysis was performed and backup solutions were provided to the City as part of the Master Plan. Organizational assessment was also performed where future division focus and expansion areas were identified based on the Utility goals.		
b.	Water and Wastewater Master Plan, City of Sunrise, FL	2016	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		
	<input checked="" type="checkbox"/> Check if project performed with current firm The City of Sunrise experienced unprecedented growth in water demands over past eight years. These demands depleted system reserves and stressed physical components of the system. In addition to challenges created by the unprecedented growth in demands, new regulatory and service requirements have surfaced during this time period adding more complexity and in some instances urgency to new capital projects. The City recognizing that these challenges will impact the utility's service strategy elected to conduct a rigorous study and consulted Stantec. As Project Manager & Engineer, Sangeeta was responsible to explore diverse alternative water resource strategy, select a strategy that offered a sustainable solution consisting of diverse sources, and technologies and the one with the highest score both from cost and feasibility perspective. Water and Wastewater infrastructure expansion and improvements plan for 2030 time horizon was developed based on the selected strategy.		
c.	Water System Master Plan, Various Clients within Southeast, FL	Ongoing	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		
	<input checked="" type="checkbox"/> Check if project performed with current firm Ms. Dhulashia has been project manager for various clients within Southeast Florida to perform their system wide master plans encompassing hydraulic analysis, infrastructure capacity evaluation, CIP development and project prioritization. Ms. Dhulashia has performed project manager's role for City of North Miami Beach and City of Miramar's water system master plans using hydraulic modeling. Ms. Dhulashia was an assistant Project Manager for the Water Storage, Pumping and Transmission System Modeling for the City of Sunrise. The project included updating, calibrating and developing the hydraulic model to determine water storage, high service pumping and distribution projects to meet existing and future water demands. Ms. Dhulashia led the field calibration efforts to ensure a good quality basis for the model runs.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
David Socha, PE, PMP	Process Mechanical Engineering Study and Design	a. TOTAL	b. WITH CURRENT FIRM
		25	10
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Universidad del Desarrollo, MBA, Concepcion, Chile, 2004 Universidad de Concepcion, Chemical Engineer, Concepcion, Chile, 1995		Professional Engineer #73821, State of Florida Project Management Institute, PMP #1490638 MBPE, PE #52850	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Piscataway Bioenergy Facility, Laurel, Maryland	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the Process Mechanical Lead, Mr. Socha has been responsible for leading the process-mechanical design activities associated with the construction of a new Bioenergy plant, intended to process biosolids from 5 wastewater treatment facilities located around suburban Washington DC, to process these biosolids using Thermal Hydrolysis to recover through anaerobic digestion biogas, which is then treated to commercial natural gas standards, and commercialized to capture federal credits for renewable natural gas production, and at the same time, use this gas to sustain the operation of a combined heat and power (CHP) new unit that produces the steam required for the thermal hydrolysis, as well as power to base load the facility and provide emergency power backup. At the same time, with this process, the biosolids are processed to commercial Class A standards.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	River Oaks Advance Wastewater Treatment Plant (AWTP) Diversion Project, Hillsborough, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	David was responsible for leading the preparation of, and executing the process-mechanical design for, the Design Criteria Package (DCP). The DCP constitutes the design basis of this Design-Build project, which is part of the Northwest Consolidation Program, aimed at combining the wastewater treatment for this area of the County, in a single expanded plant (NWRWRF), decommissioning two other older units (River Oaks and Dale Mabry). The decommissioning project includes the construction of new force mains for the conveyance of the wastewater currently being treated at River Oaks, a new associated Pump Station, a new complete Reclaimed Water Outfall Facility, the repurposing of an existing reclaimed water 5 MG tank for use as wastewater surge tank, and the complete demolition and repurposing of the existing wastewater facility.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Central District Plant 2 Cluster 3 Digesters Rehabilitation, Miami, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As the PTL/Design Manager, David has been responsible for managing the design of a full rehabilitation of the four 105-foot-diameter anaerobic digesters, and all associated processing equipment, for the complete replacement of the existing units. Design of the rehabilitation includes all aspects from demolition, restoration/repairs, re-design of the process to incorporate new and more efficient technologies (e.g. linear motion mixers), permitting, procurement plan, construction schedule, etc., all of which is incorporated into a biddable package for procurement by the owner. Evaluations of proposals and recommendations are also included in the scope of work.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Lithia WTP Bypass Interconnect, Tampa, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As a project Technical Lead, Mr. Socha was responsible for leading the design activities associated with the interconnection of an existing 42" Ductile Iron Pipe owned and operated by Tampa Bay Water, with an existing 54" Pre-stressed Concrete Pipe (PCCP) owned and operated by the County. The work involved dewatering and excavation to determine condition of the existing infrastructure, along with identification of the right connection points in the fragile PCCP pipe, followed by design of the modifications, preparation of the bid package, permitting and engineering services during construction, which included work inspection, commissioning plan, coordination with Hillsborough County PUD and Tampa Bay Water.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
Jeovanni Ayala-Lugo, PE		Process Mechanical Engineering Study and Design		a. TOTAL	b. WITH CURRENT FIRM
				20	18
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
Stantec Consulting Services Inc., Tampa, FL					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
University of Puerto Rico, BS, Chemical Engineering San Juan, Puerto Rico, 2000			Professional Engineer #72421, State of Florida		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Hillsborough County Residual Management Plan/Northwest Class A Sludge Processing Facility, Hillsborough County, FL	2003	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Estimated residual production for the County facilities. Developed tools to determine hauling cost, equipment sizing and system requirements according to residual productions. Established the technical elements; dewatering equipment size, thermal dryer equipment size for the project. Designed the layout of the thermal dryers and building to minimize equipment footprint while maximizing access to frequently maintained units. Performed inspections during the construction phase as a part time resident engineer and was the expert witness for the County during the performance test of the equipment. Provided initial troubleshooting, light repairs and also provided suggestions on operational parameters to optimize the performance of the thermal dryers. Developed a preventive maintenance calendar with reminders to maximize the operation time of the equipment. Coordinated all warranty work for equipment provided in this project.		
b.	WASD CDWWTP & SDWWTP Thickening and Dewatering System Replacement, Miami, FL	2014	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Jeovanni was the process mechanical lead for two teams assigned to develop design criteria documents for the new thickening and dewatering facilities of WASD's SDWWTP (115 mgd) and CDWWTP (143 MGD). Jeovanni and his teams analyzed the biosolids production for the CDWWTP and SDWWTP. Evaluated between five thickening technologies and four dewatering technologies to recommend alternatives best suited for the department needs. The Stantec team then developed a BIM model (Revit) of the proposed of the new facilities and the design criteria (specifications, drawing and BODR) documents to allow the department to issue request for design-build services document. The 7 consent decree projects encompassing the work were combined into a single project with estimated construction cost of \$150 million dollars.		
c.	West Palm Beach Water Treatment Plant Improvements, West Palm Beach, FL	2018	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Jeovanni served as part of the project design team for the design, permit and construction management service for the upgrade of a 47 mgd plant. The design included sodium hypochlorite and aqua ammonia above grade mixing, treatment process selection, IX preliminary design and permitting, mechanical, electrical and structural condition assessment, chemical feed systems and pump station modifications		
d.	Tampa Bay Water Cypress Creek Pump Station Expansion, Land O' Lakes, FL	2009	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Supervised construction for the expansion to 170 million gallons per day which included the addition of re-stressed concrete storage tank, pumps, replacement of medium voltage switchgear for existing equipment, new chemical injection piping, stand-by power generation equipment, and diesel storage, miscellaneous civil works, instrumentation and system communication for the onsite control. In charge of daily coordination with the contractor and Tampa Bay Water construction and operations personnel to minimize the effects of the construction and produced daily reports and progress summaries.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
John Spalding, PE	Pipelines and Pump Stations	a. TOTAL	b. WITH CURRENT FIRM
		14	14
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
University of Louisville, MS Civil & Environmental Engineering, 2006 University of Louisville, BS Civil & Environmental Engineering, 2005 University of Louisville, Certificate, Environmental Engineering, 2006		State of Florida, Professional Engineer #79618 Commonwealth of Kentucky, Professional Engineer #27373	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	City of North Port Utilities Department, WWTP Sludge Storage Improvements, North Port, Florida	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
John served as a project engineer on this project to construct improvements to the North Port Wastewater Treatment Plant (WWTP). The project includes improvements and structural modifications to existing sludge storage tanks; converting an existing 0.4 MG storage tank to use for sludge storage; addition of new aeration systems including centrifugal blowers, piping, and fine bubble diffusers; new yard piping; and a new sludge transfer pump station. He was responsible for developing construction plans and technical specifications, modifying the existing Florida Department of Environmental Protection (FDEP) permit for the WWTP facility, and providing services during bidding.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Manatee County Public Works Department, Village of Parrish Wastewater Master Pump Station and Force Main, Parrish, Florida	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i> 2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
John served as a project engineer on this project to construct a new wastewater master pump station and force main. He was responsible for preparing and submitting wastewater construction permit and Environmental Resource Permit (ERP) applications to the Florida Department of Environmental Protection.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	City of North Port Utilities Department, North Port Boulevard Water Main Replacement, North Port, Florida	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
John served as a project engineer on this project to replace approximately 1,000 linear feet of 16-inch water main. The existing water main included welded steel pipe secured to the side of a bridge as well as asbestos cement pipe. The design for the replacement includes new flanged ductile iron pipe (DIP) secured to the bridge with new supports and new PVC installed by direct bury methods. John was responsible for developing construction plans and technical specifications and permitting. He also provided construction management services.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	City of North Port Utilities Department, Chesebro Avenue and Italy Avenue Water Main Loops, North Port, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
John served as project manager on this project to construction a looping potable water distribution system and provide potable water service to customers who previously relied on private wells. The project included the construction of approximately 6,500 linear feet of new potable water mains in the Chesebro Avenue and Italy Avenue areas. John was responsible for design, permitting, bid services, and construction management services. The work included the design of PVC water main installed by open cut as well as several segments of HDPE water main installed horizontal directional drill methods.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Rick Cowles, PG	Surface and Groundwater Resource Management	a. TOTAL	b. WITH CURRENT FIRM
		29	4
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Mount Union College, BS Geology, 1991 Wright State University, MS Hydrogeology & Geophysics, 1993		State of Florida, Professional Geologist #2656	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	RO-8E Design, and RO-1A and RO-5E Rehabilitation City of Venice, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As Project Manager, Mr. Cowles provide design and construction management services for the installation of a new production well. These services include permitting and the development of well, wellhead, piping, and control system designs and bidding services. Once the design is complete, field services will include construction oversight during the production well installation, and engineering services during the construction of the 2800 foot long pipeline, control system, and wellhead. Professional services also include the development of specifications and provide field oversight for the rehabilitation of two existing production wells RO-1A and RO-5E.		
b.	Lake Okeechobee Restoration Aquifer Storage and Recovery (ASR) Well Sitting, Design, Permitting, and Construction, SFWMD	2019	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	As part of the Lake Okeechobee restoration efforts, SFWMD is siting and designing 80 ASR wells that will be used to store and recover up to 400 MG of surface water. Stantec has been contracted to provide siting, design, permitting, and construction management services for the first five sites. A total of 50 ASR wells will be constructed initially with an anticipated storage capacity of 50 MG. Stantec also has completed the evaluation of treatment options, the initial ASR well siting activities, permitting of the initial ASR test well pairs, as well as assessment of existing ASR system. The next phase of work includes the installation of continuous core holes, design and construction of test ASR wells, and pilot testing of water treatment systems.		
c.	Deep Injection Well Design and Permitting, Sunrise, FL	2011	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	Project Manager for the development of design documents and FDEP-UIC permit application for two deep injection wells (DIW) and one dual zone monitoring well. These are large capacity DIW designed for an average flow of greater than 13 mgd each. The wells will receive comingled RO concentrate and wastewater effluent.		
d.	Deep Injection Well Design and CA Services, Hollywood, FL	2011	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	The City of Hollywood needed to construct a deep injection well (DIW) and dual zone monitoring well (DZMW) system for disposal of RO concentrate and provide backup disposal for wastewater effluent. As project manager, Mr. Cowles oversaw the development of design documents, permitting activities with FDEP-UIC, and bidding services for selection of a drilling contractor. The next phase of work was to be the installation of the DIW and DZMW system.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Neil Johnson, PG, PMP, CGC, WWC	Regulatory Permitting	a. TOTAL	b. WITH CURRENT FIRM
		29	21
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., West Palm Beach, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
University of Florida, MS Geology, 1996 University of Florida, BS Geology, 1991		State of Florida, Professional Geologist #2052 State of Florida, Water Well Contractor #11284	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Permitting Class V Group 7 Potable Water ASR System, Springtree Water Treatment Plant, Sunrise, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2016	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Neil served as the project manager during the final permitting phase of this Class V Group 7 Potable Water ASR System project. This is the first treated water ASR system in southeast Florida to receive a Letter of Authorization to Use (LOATU) by the Florida Department of Environmental Protection. The authorization allows the City to inject, store, and recover up to 2 MGD of treated groundwater. Mr. Johnson negotiated the issuance of the LOATU with the FDEP and coordinated the final completion activities with the Broward County Health Department.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Sunrise General Engineering Services, Sunrise, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2020	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Neil was the Project Manager for the permitting of the Springtree Water Treatment Plant Class V Aquifer Storage and Recovery Well and the Sawgrass Water Treatment Plant Class I Concentrate Injection Well. Mr. Johnson was the Project Manager for the construction of the Flamingo Park Wellfield (3 wells) and the Sawgrass Utility Complex Mechanical Integrity Testing. Mr. Johnson acted as Project Engineer during the rehabilitation of the Sunrise Concentrate Injection Well. Mr. Johnson was a Field Hydrogeologist for the Construction of the Sawgrass Concentrate Injection Well and the Arena Wellfield (6 wells).			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Central District Wastewater Treatment Plant Industrial Injection Wells and Pump Station, Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2018	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Neil served as the QA/QC manager for the design, permitting, and construction of the Central District WWTP Class I Non-hazardous Industrial Injection Well System. This project included a 10,000-foot deep exploratory test hole to investigate alternative disposal options below the lower Floridan aquifer system. The well was completed with a 36-inch diameter final casing set to 2,780 feet bls with a 24-inch diameter FRP tubing cemented in place. The system is capable of injecting up to 19.9 mgd of plant process flows, secondary treated effluent, and leachate from the adjacent closed landfill.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Cocoa Beach ASR Well Permitting, Design, and Construction Management, Cocoa Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2017	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Johnson prepared application materials and supporting technical evaluations to apply for a Class V Group 9 Reclaimed ASR System. The scope included an area of review study, a regional hydrogeological evaluation, ASR well design, and permit application materials to construct a Class V ASR well system. The test production well was designed to inject up to 2 mgd of reclaimed water into a non-underground source of drinking water aquifer (i.e., >10,000 mg/L TDS). Mr. Johnson prepared the permit application materials and design and bidding documents, provided engineering services during construction, progress reporting, construction management, and regulatory coordination with the FDEP throughout testing. The project is substantially complete with cycle testing scheduled to begin within the next few months.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Manuel Perez, GISP	GIS/Analytics	a. TOTAL	b. WITH CURRENT FIRM
		11	7
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Naples, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
University of South Florida, BA Geography, 2009 Edison State College, Associate of Arts, 2004		GIS Certification Institute, Certified Geographic Information Systems Professional (GISP) #67934	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			
Organizing Committee Member, Southwest Florida GIS Symposium			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	City of Atlanta Smart Water, Atlanta, GA	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		Ongoing	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Provided technical consulting support for the City of Atlanta's Smart Water project, intended to replace a propriety sewer watershed monitoring system with commercial off the shelf (COTS) ESRI ArcGIS software. Setup and configured installations of ArcGIS Server, ArcSDE, Geodata/feature/map services on the clients Azure GovCloud environment. Providing performance-tuning and troubleshooting of scheduled data transfer processes and jobs, as well as providing automation for some of the client's daily data migration tasks to the new system. This work involved working in secured environments on the Microsoft Azure Government Cloud, setting up and deploying ArcGIS for Server, SQL Databases, publishing and configuring map services and geodata services.</p>			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Missing Sewer Lateral Identification and CCTV Data Conversion, Collier County, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2020	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Manuel developed and designed a process to identify platted lots throughout the client's service area that were entitled to a service connection but did not have one built when the lots were originally platted decades ago. Using a combination of parcel data, existing GIS sewer data, scripting and parsing of legal descriptions a process was developed to identify the specific tax parcels that could be split up back into their original constituent lots leaving one child lot without sewer service. This required the innovative analysis of multiple data sources, including the novel use of mass amounts of CCTV data collected during normal inspections, converting tabular CCTV data into a GIS format allowing for overlay against existing sewer asset and parcel / lot data. As a result the client received a list of parcels where this issue could occur, allowing proactive mitigation instead of reactive mitigation, saving thousands of dollars per occurrence.</p>			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Sarasota and Naples ArcGIS Enterprise Deployment, Sarasota, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2020	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>With the ongoing growth and consumption of GIS Services internally across several business lines (including Environmental and Community Development) local leadership approved the deployment of an internal ArcGIS Enterprise site and enterprise geodatabase to act as a central repository for GIS data, services, and customized web mapping to support internal business and project needs. Manuel worked with IT to procure and stand up new physical servers, provision virtual machines, and deploy and configure ArcGIS Enterprise. This role has also included maintaining and operating the site since then in an ongoing role.</p>			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Enterprise GIS Support, Venice, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2017	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Provided Technical Consulting Services for Enterprise GIS to support a enterprise GIS environment supporting all City departments, including utilities, planning, parks and public works. Provided on-call and on-site support to respond to issues, downtimes and other critical situations. Provided on site and remote training/support, wrote documentation and how-to guides for City staff, and ensured system availability and critical business process support as integrated with GIS.</p>			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Corey Berner, GISP	GIS/Analytics	a. TOTAL	b. WITH CURRENT FIRM
		8	6
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Tampa, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
University of Florida, BA Geography, 2014		GIS Certification Institute, Certified Geographic Information Systems Professional (GISP)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			
Urban and Regional Information Systems Association (URISA), Member			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Stormwater Utility Program - Bonita Springs, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2018	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Assisted with Storm-water Impervious Surface Analysis for the County. A layer for the county's impervious surface was initially created in ArcGIS Pro. From that layer, a grid system was setup where shadows were removed and light-colored surfaces were added to ensure accuracy for the analysis.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	City of Sarasota CAD Conversions, GPS Collections, and Utility Database Updates, Sarasota, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2014	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Converted CAD drawings from 2005-Present along with record drawings to bring them into the City's utility GIS database. Along with the conversions, Stantec also collected GPS locations from a sample of the projects that were converted. This process enabled Stantec to ensure the accuracy of the data was maintained. A database schema change was also implemented by Stantec to accommodate data that was collect via conversions or by GPS. The scope also included a web application that will be designed by Stantec for City personnel to interactively view their assets and ease workflow.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Collier County Stormwater Utilities Program Phase II, Collier County, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2018	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
The Stantec GIS team was charged with recommending and establishing an efficient and fact-based method for establishing a system of record based on impervious area in which a fee schedule would be established. Stantec researched all available data and ultimately utilized the Collier County Property Appraiser's planimetric data to accurately map over 120,000 properties creating the stormwater fee system of record to serve as the basis for creating a billing file that provides transparency to the public while setting forth a means to maintain data integrity in an efficient manner. Stantec also created a master Home and Condominium Owner Association layer based on information retrieved from recorded plats that would become the authoritative source for aggregating and associated stormwater fees in these communities.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	St. Pete Tiered Stormwater, St. Petersburg, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2018	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Assisted with Storm-water Impervious Surface Analysis for the County. A layer for the county's impervious surface was initially created in ArcGIS Pro. From that layer, a grid system was setup where shadows were removed and light-colored surfaces were added to ensure accuracy for the analysis.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Bradley Buchanan, PE	Electrical/I&C	a. TOTAL	b. WITH CURRENT FIRM
		7	6
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Deerfield Beach, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Bachelor of Science in Electrical Engineering Central Michigan University, Michigan, 2012		State of Florida, Professional Engineer #86225	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Collier County Pump Station Rehabilitation Projects, Collier County, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Assisted in the design of the electrical and instrumentation for various lift station rehabilitation projects, including PO-104.05; PS-147; PS-151; PS-158, and PS-302-09. Electrical design included service upgrades. Standby Power Motor Controls utilizing VFD's Soft Starts and across-the-line starters. Various PLC and redundant level controls were also incorporated into the design. During construction, Brad reviewed Contractor's submittals for electrical and instrumentation and controls, responded to RFIs and assisted with developing solutions to resolve field issues during construction, and provided electrical testing and startup.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Siesta Key Master Pumping Station (MPS), Sarasota, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(if applicable)</i> 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	The existing Siesta Key WWTP was decommissioned and replaced by a new MPS to move all influent to the new WWTP located on the mainland. This new station includes triple redundant electric pump sets to ensure continuous operation at all times. Also included is a new electrical service, electrical room and suitably sized standby generator. Responsibilities included complete electrical design, motor control, standby power system design, HVAC controls, instrumentation and controls, PLC and local HMI design. A SCADA RTU system is included for communications between this station and the County's central monitoring.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Permanent Canal Closures and Pump Stations (PCCP), New Orleans, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	In order to prevent flooding due to hurricane storm surge, three pump stations were built at the end of the 17th Street, London Avenue, and Orleans Avenue outfall canals and Lake Pontchartrain. The PCCP infrastructure is one of the world's largest pumping stations and represents one of the last major pieces of the post-Katrina hurricane and storm damage risk reduction system. Through its completion, the PCCP project provides long-term measures to reduce the risk from heavy tropical rainfalls and the 100-year storm surge event. Brad's specific role was to assist with the Instrumentation and Controls design.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Pump Station 302.09 Relocation, Collier County, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i> 2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	The St. Peters Apostle Catholic Church was planning to expand their parking lot beyond an existing pump station located on the property. To support the expansion Stantec provided engineering service for Collier County to relocate the pump station to a nearby location. The existing pump station remained operational until the proposed duplex pump station was energized. Responsibilities included complete electrical design, motor control, instrumentation & controls, A SCADA RTU system is included for communications between this station and the County's central monitoring.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
John Nel, A.Sc.T, PMP	Electrical/I&C	a. TOTAL	b. WITH CURRENT FIRM
		38	23
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Deerfield Beach, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Sasolburg Technical College, National Diploma, Instrumentation, Sasolburg, South Africa, 1981 Durban University of Technology (DUT), Masters Diploma (NHD), Electrical Engineering, Durban, South Africa, 1983		Applied Science Technologists & Technicians of British Columbia, Technical Specialist #18808 Project Management Institute, Project Management Professional (PMP) [®] #52513	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			
International Society of Automation, Member			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Mayakkahatchee Creek WTP Transfer and Backwash Pumps, North Port Utilities Department, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
John is the Lead electrical, instrumentation and controls designer for this renewal and expansion project. Project includes power distribution, VFD motor controls, new instrumentation and equipment hookups, to integrate these new pumps and controls with existing facilities.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	North Port WWTP Sludge Improvements Project, North Port, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
John provided electrical and instrumentation design and construction administration for this upgrade. Electrical design includes Power Distribution upgrades, Blower and Pump Motor Controls including new SCADA, PLC controls and fiber telemetry.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Venice Gardens Water Reclamation Facility Filters Upgrade, Venice, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Lead electrical, instrumentation and controls designer in this expansion project. Power distribution and instrumentation for the demolition of existing filters and the addition of two rotary disc filters.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Bee Ridge Water Reclamation Facility Process Modifications for MLE, Sarasota County, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Lead electrical, instrumentation and controls designer in this pilot project. Design included power distribution, new VFD motor controls to support mixers and pumps, new instrumentation and their integration with existing PLC and SCADA controls.			
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	MDWASD Pump Station Rehabilitation projects, Miami, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Stantec has completed the rehabilitation design for ten lift stations and is expected to continue with approximately 50 more of these stations. John is the lead electrical and instrumentation designer for this task. Electrical design included service upgrades, standby power, motor controls utilizing VFD's, Soft Starts and across-the-line starters. Various PLC and redundant level controls were also incorporated into the design.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Joseph Jacangelo, Ph.D.	Direct Potable Reuse	a. TOTAL	b. WITH CURRENT FIRM
		39	33
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Washington, DC			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
Johns Hopkins University, PHD, Environmental Health Engineering, 1986 Rutgers University, BA, Biochemistry and Political Science 1978		National Environmental Health Association/Environmental Protection Agency Registered Sanitarian	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			
American Water Works Association Research Foundation (AwwaRF), Expert Workshop on Pathogens in Drinking Water			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Indirect Potable Reuse/Reservoir Augmentation Demonstration Project, San Diego, CA	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Joe served as technical advisor and senior reviewer on an indirect potable reuse project to assess advanced water treatment for providing a new water supply option for the City. The project focused on the design, construction, and operation of a 1-MGD plant that will be employed to demonstrate process efficacy, regulatory compliance, and energy efficiency. An important component of the project will be to foster public acceptance of the indirect potable reuse concept and finished water quality.		
b.	Surface Water Treatment Process Bench and Pilot Study, West Palm Beach, FL	2010	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Joe served as lead technical advisor on a water treatment bench and pilot study being conducted to evaluate various processes for treatment of surface water with a high concentration of natural organic matter. These studies were conducted to select the appropriate treatment for the eventual construction of a 15-MGD water treatment plant. Joe was responsible the overall bench-scale study design and selection of processes to be employed at pilot scale. The study included the evaluation of the impact of MIEEX and enhanced coagulation on low pressure membrane filtration. Ozone and granular activated carbon were also evaluated. Key issues were the reduction of total organic carbon and subsequent disinfection by-products as well as the removal of taste and odor compounds.		
c.	Sawgrass Membrane Water Treatment Plant, Sunrise, FL	2005	2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Joe's duties and responsibilities on the project included program development; cost estimating; concept design; predesign; architectural concept criteria; and preparation of specifications, drawings, and design and construct contract documents. Stantec provided design and construction management services for this state-of-the-art, 12-MGD (ultimately 18-MGD) membrane softening (nanofiltration) plant and wellfield/pipeline project. The wellfield/pipeline portion of the project includes six new wells with raw-water capacity of 18 MGD that serve as the primary water supply for the plant.		
d.	Southwest Water Reclamation Facility (WRF) and Everest WRF, Cape Coral, FL	2009	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	The Southwest WRF project was a \$130.9 million design-build, 15-MGD expansion, including the pretreatment unit, peak wet weather flow treatment, activated sludge, and other chemical feed unit processes. The Everest WRF design-build project was \$73.2 million and 13.7-MGD.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Michael Priest, PE	Direct Potable Reuse	a. TOTAL	b. WITH CURRENT FIRM
		21	21
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
Stantec Consulting Services Inc., Las Vegas, NV			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
University of Nevada, Las Vegas, BS in Civil and Environmental Engineering, 1999		State of California, Professional Engineer #66623 State of Nevada, Professional Engineer #20643	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			
WaterReuse Association, Member, Nevada			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Pure Water San Diego Program, San Diego, CA	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		Ongoing	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mike oversaw all process designs for the alternatives development and evaluation and 10% and 30% preliminary design of two potable reuse concepts at the North City Advanced Water Purification Facility (NCAWPF). These concepts use surface water augmentation to provide 30 MGD of purified water to either the San Vicente or Miramar Reservoirs. Treatment options included a combination of ozone disinfection, biologically active carbon (BAC) filtration, pressure vessel membrane filtration, reverse osmosis, UV AOP using hypochlorite, product water stabilization (options investigated include lime addition, decarbonators, and carbon dioxide addition), and chemical facilities. Additional project elements included investigation of Desalitech third stage RO treatment for improved recovery and RDP Tekkem lime systems. Mike also led the final design and major equipment procurement for the microfiltration and UV/peroxide advanced oxidation processes and participated as a subject matter expert for the Phase 2 Pure Water Program implementation.			
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Design and Operation of Demonstration Facility for Potential Regional Recycled Water Supply Program, Carson, CA	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2019	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mike serves as a technical advisor and process engineer for this project to perform conceptual design and construction of a potable reuse demonstration facility that will be used for planning and design of a 150 MGD full scale facility. Project tasks include review of pilot study results and water quality data; identification and evaluation of feasible options for nitrification/denitrification of secondary effluent; confirmation of treatment goals for groundwater recharge based on regulatory requirements; evaluation and finalization of process trains for testing; confirmation of design criteria and utility needs; selection of equipment for demonstration testing, identification of specific testing/study needs; and development of a preliminary cost estimate.			
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Sustainable Water Infrastructure Project (SWIP), Santa Monica, CA	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2020	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mike serves as quality reviewer and technical advisor for a project that implements advanced treatment, in an integrated water supply framework, of recycled municipal wastewater, stormwater runoff, and brackish groundwater in order to achieve long term sustainability and drought resilience. This project harvests and integrates these three resources to produce approximately 1,680 AFY of advanced treated water. The SWIP will produce water of advanced treated quality that, when properly permitted, will be acceptable for indirect potable reuse via aquifer recharge. In the interim, the water will be used to meet existing recycled water demands, such as irrigation, street cleaning, and toilet flushing. Package 1 provides for the installation of a modular containerized Reverse Osmosis treatment unit upgrade at the City's existing 0.43 MGD Santa Monica Urban Runoff Recycling Facility (SMURRF), solar panels to offset energy, and a brackish/saline impaired shallow ground water well.			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Lake Oswego Water Treatment Plant Expansion and Upgrades, Lake Oswego, OR	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
		2017	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mike served as technical advisor and process engineer in support of ozone system design and procurement, oxygen system design and procurement, and services during construction.			

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

Team's Previous Experience/ Proficiency in Similar Projects

Stantec's expertise in utility infrastructure planning and design helps us understand the needs and goals of clients. Our team is uniquely suited to develop a highly efficient design solution for projects under this contract. Our managers, design leads, design support, and technical staff identified possess the experience needed to make projects under this contract successful.

Our team's experience to the utility components expected to be associated with the water, wastewater, and reclaimed water projects under this contract are represented in the 10 submitted projects completed recently along with the project team experience shown on shown under Tab 3, Key Personnel/Qualifications of the team.

Stantec is proposing on three of the Categories and there will be several instances where staff in different areas of expertise will be qualified to work on project within more than one category. A summary of the team's experience in each Category is below:

Category 1: Water, Wastewater, and Reclaimed Water Treatment and Storage Systems

The value Stantec offers to NPU is our extensive local experience with all treatment and storage systems similar in nature to NPU's facilities. Our **Category 1 Lead, Sergio Hoyos, PE** is based in our Sarasota office. Before joining Stantec a year ago, he was responsible for the construction management of five of the largest projects completed under the Miami-Dade WASD Consent Decree program. Key team members **Hal Schmidt, PE, David Socha, PE, Jeovanni Ayala-Lugo, PE, and Soli Rojas** are based in our Tampa office and are highly recognized experts in wastewater treatment plant design, water treatment plant design, and storage design. Stantec brings innovative solutions to the most complex treatment plant operations, maintenance, and process optimization improvements to save money on annual operating costs. **Brian LaMay, PE** has varied and extensive experience dealing with facility operations and maintenance issues and solutions. A hallmark of our approach to any treatment facility project is to engage the facility operators and maintenance technicians throughout the project. This allows critical input from NPU staff with detailed institutional knowledge of their facilities to identify specific preferences that will improve the long-term facility performance. **Marc Lean, PE** has 19 years of experience and is well-versed and experienced in construction/engineering/inspection (CEI) activities at treatment and storage facilities.

Our engineers at Stantec have designed wastewater treatment facilities around the globe, ranging in size from 0.25-MGD to more than 800-MGD. Our wastewater experience encompasses advanced treatment facilities, residuals management and handling, odor control and air pollution, and water reuse. On the treatment side, we have significant expertise in *waste activated sludge* facilities and have those professionals available as part of our local and global team.



We also have extensive experience in the evaluation and design of conventional and state-of-the-art processes for wastewater treatment, biosolids processing and reclaimed water such as dewatering; process modeling and optimization; aerobic and anaerobic digestion; alternate disinfection; membranes; and *direct and indirect potable reuse*.

In water treatment, Stantec has designed more than 1,000 water treatment plants ranging in capacity from 0.25 MGD to over 1 billion gallons a day and in treatment processes from conventional treatment to membrane filtration to ozonation. We have also conducted well over 100 pilot studies of a variety of treatment processes. Stantec is a global leader in water treatment, with extensive experience in all water treatment technologies and unit processes such as *reverse osmosis* treatment of brackish waters; ultrafiltration; membrane filtration; and air backwash systems to name a few.



Category 2: Water, Wastewater, and Reclaimed Water Conveyance Systems

Tracy Anderson, PE, Stephen MacEachern, PE, and John Spalding, PE have more than 60 years combined experience in planning, design and construction of conveyance projects in Florida and nationwide. Stantec has provided planning, design, and construction services for more than 350,000 miles of pipelines ranging from four inches to 84 inches in diameter. In Florida alone, we have been responsible for over 1,100 miles of pipeline projects. Our Sarasota staff are focused in the core areas of water, wastewater, and reclaimed water systems, including inline booster pump stations, sanitary lift stations, and pipelines. Our water distribution engineering services encompass a wide range of activities from new design and construction to inspection and refurbishment of existing infrastructure.

Our team has completed many conveyance projects with NPU staff over the years. These conveyance projects included extensions of water, wastewater, and reclaimed mains, replacement of aerial water main bridge crossings with directional drill crossings, water main looping, and bridge mounted water main replacements. This work typically includes planning, design, compliance assistance, permitting, resolution of regulatory permitting issues, cost estimating, bidding assistance, construction, and any other items that may arise on an as needed basis.

Our approach to conveyance projects is to work together with NPU staff in meeting their commitment to the community and residents of providing quality water and sewer services. Our team will accomplish this by:

- Staying aware and understanding the goals and needs of NPU and its staff;
- Being available and providing quick response to requests by NPU;
- Including NPU staff in progress and decision making meetings;
- Providing the NPU with access to the latest technology, and;
- Balancing project function, reliability, and costs.

The Stantec team has designed numerous sanitary sewer force mains for local municipalities. Our services have covered full system evaluations, master planning, hydraulic modeling, design, permitting and construction engineering. We have recently designed a 48,000 LF force main through the Oak Ford community. The project included upgrades to an existing pump station and a new pump station along the force main route.

Our ecologists are available to support regulatory permitting efforts when it comes to wetlands, other surface waters, and protected species of wildlife. In addition to our Sarasota water group staff, our transportation engineers are available to assist with maintenance of traffic plans and utility projects within FDOT rights-of-way or in conjunction with roadway projects. We have experts in trenchless design and construction who our team utilizes when large diameter pipelines are being installed or challenging subsurface conditions are present. Thanks to their expertise, we are able to reduce the risk during construction.

Category 3: Water, Wastewater, and Reclaimed Water Planning

To assist with the planning and management of future growth and future water, wastewater and reclaimed water demands, we bring to you experience in master planning at all levels and all services. As a leader in hydraulic and hydrologic modeling services, we emphasize the importance of a strong understanding of real-world water and sewer system operations and focuses on identifying solutions to your specific needs. This balance of theoretical and practical experience enables staff to make appropriate decisions during model development and application, leading to executable and cost-effective solutions. Our Category 3 Lead, **Sangeeta Dhulashia, PE**, and Stantec understand that a hydraulic model is a tool to be used to facilitate the analysis of systems, not a substitute for good engineering judgment and a clear understanding of the factors that affect real world system performance.

Our hydraulic modeling experts have experience with several hydraulic modeling software programs including **Innovyze InfoWater**. We can sit side-by-side with NPU staff to coordinate with the City IT GIS staff, to work through specific model development and analysis challenges, applying lessons learned from a wide range of hands-on experience directly to the modeled City systems. We also have capabilities to collect field data for model calibration, such as performing flow monitoring.

Our GIS staff led by **Manny Perez, GISP** includes a local, experienced geographic information systems (GIS) and asset management team that has executed a variety of projects for several local and Florida municipalities. Manny is currently assisting with his GIS expertise for the parcel search for the **NPU Administration Building and Warehouse Facility** project. Services provided include program management, ArcGIS integration with Cityworks asset management software, geodatabase design, GIS web applications and support for enterprise asset management projects. Your Stantec team has been involved in every phase of municipal projects from master planning through final design and construction phase services. We bring to NPU a strong working knowledge of current applicable laws, current and potential future regulations, local, state and federal policy guidance, and publications that are pertinent to the planning and management of municipal assets and projects. Currently our Florida staff are working on water, wastewater and reclaimed water master plan projects for two west coast Florida municipalities also experiencing high rates of growth.

Master Plans Completed In Florida	
City of Cape Coral Water, Wastewater and Irrigation Utility Master Plan	City of West Palm Beach WTP Master Planning
City of Cape Coral Water, Wastewater and Irrigation Facilities Master Plan	City of Sunrise Water Supply Facilities Plan
North Cape Site Master Plan	City of Pompano Beach Water Supply Facilities Plan
Miami Dade Central District Reclaimed Water Master Plan	City of North Miami Beach Water Supply Facilities Plan
City of Venice Water and Wastewater System Master Plan	City of Pompano Beach Water System Master Plan
City of Cape Coral Biosolids Master Plan	City of Venice Reclaimed Water Master Plan
Marco Island Utility Master Plan	Miami Dade Central District Stormwater Master Plan
Palm Beach International Airport Master Plan	Lee County Water Master Plan
Palm Beach County Raw Water Master Plan	City of Fort Lauderdale Fiveash WTP Evaluation
Charlotte County Wide Water Supply Master Plan	Town of Davie Water Supply Facilities Plan
Sunrise Water and Wastewater Master Plan	City of Oakland Park Water Supply Facilities Plan
Miami Dade Central District WWTP Facility Master Plan	City of Venice Wastewater Collection/Transmission Systems Master Plan
Cape Coral Facility and Utility (FEP/UEP) Master Plan Programs	Palm Beach County Owners Advisor Program and Planning
Village of Wellington Master Plan	City of North Miami Beach Water System Master Plan
City of Sarasota Wastewater I/I Master Plan	City of Miramar Water System Master Plan
City of Venice Wastewater Master Plan	Biosolids Master Plan, Broward County WWS
City of Sunrise Capital Improvement Program and Planning	Biosolids Market Assessment, Broward County WWS

Our local presence and experience means you get:

- An engaged team that serves as an extension of your team
- Professional staff who are local and responsive to your needs
- One-on-one meetings to discuss challenges and solutions specific to your project in your location
- Staff members you know and trust because our solutions are proven through similar projects in the state

Most important, we live here and care about this community as much as you do. When you need us, we are just minutes away.

We don't just say this - we mean it. This is proven by our extensive list of continuing engineering services type contracts for municipal water and wastewater clients in Florida.

Stantec Experience on Florida Water, Wastewater, and Reclaimed Water Continuing Services Contracts
City of North Port
City of Sarasota
Sarasota County
Manatee County
City of Venice
City of Tampa
Hillsborough County
Tampa Bay Water
City of Clearwater
Peace River Manasota Regional Water Supply Authority
Miami-Dade Water and Sewer Department – WWTP Consent Decree
Miami-Dade Water and Sewer Department – Hydrogeologic
Miami-Dade Water and Sewer Department – Repair & Rehab
Miami-Dade Water and Sewer Department – Ocean Outfall Legislation
City of West Palm Beach
City of Cape Coral
City of Miramar
City of Sunrise
City of Hallandale Beach
Town of Davie
City of Tamarac
Pompano Beach
Lake Worth
Palm Beach County
City of Naples

HOW WE STACK UP

1 Top 10 International Design Firms by Market - Sewer/Waste

2 Top 10 International Design Firms by Market - Water

5 Top 20 Environmental Firms by Market Segment - Wastewater Treatment

6 Top 10 Environmental Firms by Type of Work - Engineering/Design

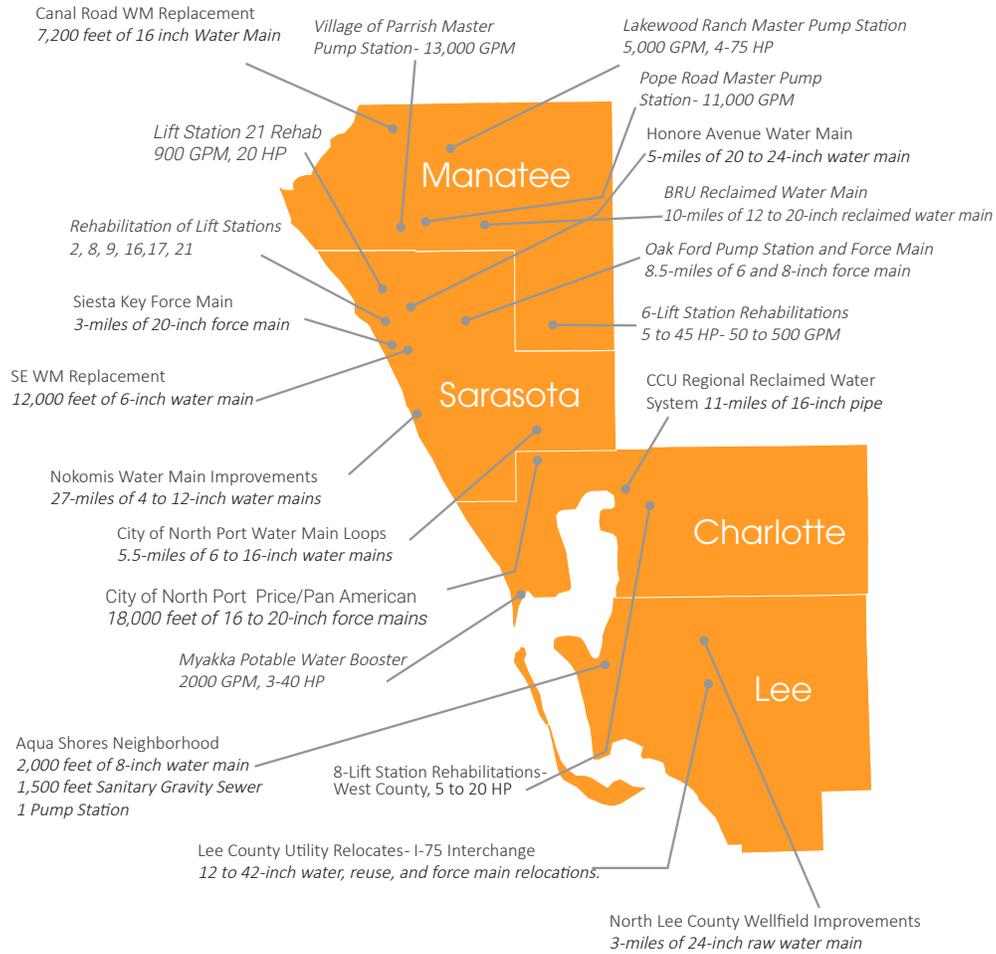
8 Top 20 Environmental Firms by Market Segment - Water Treatment/Supply

3 Top 10 International Design Firms by Region - United States

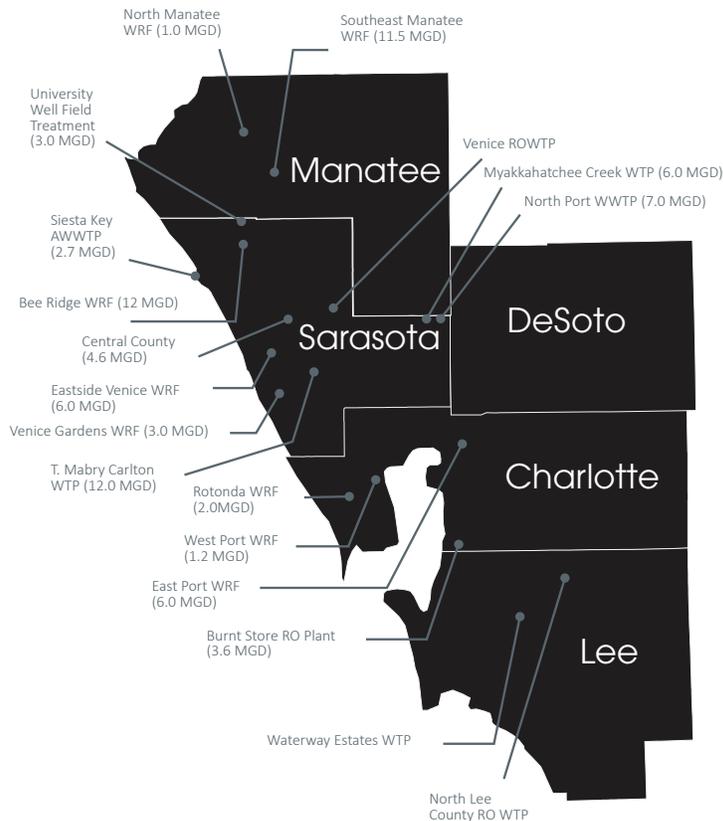
10 Top 150 Global Design Firms

Engineering News Record (ENR), 2019

Water, Wastewater, and Reclaimed Water Conveyance Systems and Pump Stations and Storage Facilities



Water, Wastewater, and Reclaimed Water Treatment and Storage Systems



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 1
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21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
City of Venice General Engineering Services (Venice, Florida)	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Venice	Len Bramble	941-882-7397

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

Stantec has served the City of Venice's Utilities Department since 2011. During this period, five work orders have been performed based on our experience and knowledge of the water and wastewater utilities management and planning projects, as well as the design, permitting and construction of utility capital projects. These projects have involved all aspects of the City's water (supply, treatment and distribution) and wastewater (collection, treatment and reclaimed water reuse) facilities. A select group of these projects are described below:

Eastside Advanced Water Reclamation Facility (AWRF) Planning and Upgrades: Our services included process modeling of the biological treatment process at differing effluent qualities, evaluation of the existing grit removal facilities, the development of operational/energy savings and probable opinion of capital costs associated with each alternative evaluated, and construction phase services. This project resulted in the facility being rerated from 6.0 MGD to 8.0 MGD. Additionally, the recommendations included in this document resulted in the Eastside AWRF being upgraded. The upgraded facilities were brought online in 2016, and since that time the facility has seen a decrease in energy usage (a savings of nearly \$200,000 annually) and resulted in 100% reuse of the wastewater treated.

Owner's Engineer Membrane Replacement and SCADA Upgrades: This project was completed using the Progressive Design/Build delivery method, which permitted the City to achieve the benefits of traditional design development and the schedule and single-point accountability benefits of design-build delivery method. Stantec's services included development of the procurement documents to select the Progressive Design/Build team, management of the design phase that included design reviews and oversight, and administer and monitor the construction activities of the upgrades of the City's RO water treatment plant (ROWTP). The upgrades to the City's ROWTP was completed in April 2015, and the project was a recipient of a 2015 honor award in the water/wastewater category from the Design-Build Institute of America (DBIA) Florida Region.

Wellfield Maintenance and Rehabilitation Project: This project involved the rehabilitation of two of the City's 13 raw water supply wells. Six brackish production wells were initially evaluated as part of the City's production well maintenance and rehabilitation program that recommended rehabilitation activities associated with wells 6E and 7E. The rehabilitation activities included the mechanical brushing of the casing and portion of open-hole, airlift well development to remove the scrubbed debris from the bottom of the well, well stimulation using 1,000 gallons of 28% hydrochloric acid and a second airlift well development to remove acidization residuals. This work more than doubled the specific capacity of Well 6E and increased the specific capacity of Well 7E by over 400%.

Reclaimed Water Master Plan: This project involved the development of a reclaimed water master plan for the existing service area. This project involved hydraulic modeling, review of agreements, storage and control requirements, and development of a capital improvements plan for the expansion of the system to meet current and future demands.

RELEVANT PROJECT FEATURES

- Category 1, 2, 3
- Task Order Continuing Services Contract
- Water, Wastewater, Reclaimed Water
- Planning, Design, Assessment

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Stantec	Tampa, Florida Sarasota, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2	
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Surface Water Treatment Plant Upgrades, West Palm Beach, FL		PROFESSIONAL SERVICES	
		CONSTRUCTION <i>(if applicable)</i>	
		Ongoing	
		Ongoing	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
City of West Palm Beach	Dr. Poonam Kalkat	561-822-2284	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size and cost)</i>			
<p>The City of West Palm Beach operates a 47-MGD conventional lime softening surface water WTP. The City selected Stantec to assess, design, permit, and provide construction management services for the upgrades to increase the reliability of the City's water supply system and to meet Health Department Consent Order requirements. Stantec has completed over 30 individual work authorizations under this contract over the past 12 years including various studies, bench and pilot testing, design, and construction management projects.</p> <p>Treatment Process Selection: Bench testing was performed to provide an initial screening of potential treatment processes and on-site pilot testing was done for six months to determine long-term fouling characteristics of the ultrafiltration membranes. Four different membrane pre-treatment alternatives were tested during these pilot investigations, including anion exchange.</p> <p>UV System and Related Infrastructure Improvements: Stantec was asked to design a UV treatment system and transfer pump station for a future design flow of 50 MGD. To meet the regulatory requirements of this project, Stantec accelerated the design schedule to perform pilot testing in parallel with preliminary design based on two pre-selected vendors.</p> <p>New Distributive Control System and Programming: Per the City's request, a newly constructed distributive control system (DCS) was installed. This DCS consists of three distinct Main Plant Process PLCs and 21 remote processors. I/O cabinets were installed utilizing three separate and new fiber optic loops for each PLC.</p> <p>Existing WTP Condition Assessment for Structural, Mechanical, Electrical, and Controls: Stantec conducted an investigation of the City of West Palm Beach's Water Treatment Plant (WTP) structural, mechanical, electrical, and instrumentation and control assets to evaluate the physical and operating conditions in order to provide recommendations for Old Remote Terminal Unit.</p> <p>High Service Pump Modifications: Seven high service pumps were evaluated in 2010 to identify opportunities to increase capacity and reduce power consumption, either through operational improvements or equipment modifications. Stantec conducted a condition assessment to document any physical deficiencies in the condition of the existing pumps. The assessment indicated the pumps were in generally good to fair condition with a need for typical rehabilitation of pumps their age, including replacement of seals, wear rings, couplings, O-rings, nuts and bolts, coatings and exterior paint.</p> <p>To construct a new UV treatment system in 2018, four high service pumps were removed and replaced. This replacement involved demolition of an underground clearwell constructed in 1926 and removal of inefficient vertical suction lift pumps to construct a new flooded suction header to avoid re-pumping and make room for the new UV process building.</p>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>RELEVANT PROJECT FEATURES</p> <ul style="list-style-type: none"> • Category 1, 2, 3 • Task Order Continuing Services Contract • Water, Wastewater, Reclaimed Water • Planning, Design, Assessment </div> </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Stantec	West Palm Beach, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 3
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21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Continuing Utility Consultant, City of New Smyrna Beach, Florida	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2019	Ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of New Smyrna Beach	Joseph Bunch	386-424-3000

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

Stantec has been serving the Utilities Commission, City of New Smyrna Beach as their Continuing Utility Consultant since 2019. All of their projects have involved the utilities that they currently provide – electric, water, wastewater and reclaimed water reuse. They operate a 10.3 MGD Water Treatment Plant (WTP), a 7.0 MGD Water Reclamation Facility (7.0 MGD) and provide electric transmission services from four substations located throughout their 70-square mile service territory. The reclaimed water system consists of irrigation of commercial and residential properties, golf courses, sports complexes and greenspace areas. The system reuses 100% of the wastewater treated.

Since 2019, as number of project have been initiated, which have included an Optimization Plan for their water and wastewater facilities, their Triennial Report, the Consulting Engineers Report for their Bond Refinancing, and the design of water, wastewater and reclaimed water mains as part of a major roadway improvement project.

Optimization Report: This was a report that evaluated their operations at their WTP and WRF to improve, rerate capacity, and capital expenditures. The work included hydraulic and process modeling of their piping networks and treatment facilities, preliminary planning and design activities, incorporation of SMART technologies to better manage the utility system, and the development of a capital improvements plan for the overall utility system through 2024. Some of the projects that resulted from the outcome of this study included a new biosolids handling facility (ATAD stabilization, centrifuge thickening and dewatering, solar drying facility), upgrades to their advanced treatment process to improve energy efficiency, clarifier upgrades, augmenting their reclaimed water supply with stormwater, management of their reclaimed water storage to expand service, and a membrane softening facility for their finished water supply.

Triennial Report: This report documented the condition and operations of their electric, water, wastewater and reclaimed water systems during the FY 2016 through FY 2019 period. A component of this report provided an analysis fo the financial operating conditions of these utilities and rate sufficiency to support the 5-year CIP that was developed to meet future growth and expansion requirements of these utilities.

Consulting Engineers Report: This report was prepared to document the overall utility system, their condition and ability to meet project growth, and the sufficiency of the revenue to support the successful refinancing their Utility System Revenue Bonds in early May 2020.

Interstate 95 Interchange: As part of a new Interchange, Stantec worked with the UCNSB and FDOT staff to incorporate the appropriate utility services (electric, water, wastewater and reclaimed water) and necessary infrastructure for existing and future needs. This project is currently in the preliminary design phase as of July 2020.

- RELEVANT PROJECT FEATURES**

 - Continuing Utility Services – Water, Wastewater and Reclaimed Water
 - Task order based contract
 - Condition assessment
 - Financial management
 - Hydraulic modeling
 - Planning and final design services
 - Process modeling
 - Regulatory assistance
 - Utility management

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Stantec	Sarasota, Florida Tampa, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <div style="font-size: 24pt; font-weight: bold; text-align: center;">4</div>
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Southwest Water Reclamation Facility, Cape Coral, Florida	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2010	2019

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Cape Coral	Jody Sorrels	239-471-6766

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

The City of Cape Coral was one of the fastest growing communities in southwest Florida in the first decade of 2000. Faced with this unprecedented growth, the City embarked on a comprehensive and extensive water and wastewater program to have the necessary facilities in place for future growth. Stantec has provided engineering services to the City of Cape Coral, since 2000. One such project was to implement a 5-year, design-build Utility Expansion Program (UEP) that extended 750 miles of water, sewer and irrigation pipelines, pump stations and upgrades to expand the treatment capacity at their two water reclamation facilities (WRFs). This program also included upgrades at their existing reverse osmosis water treatment plant (WTP), a new 12-million gallon per day (mgd) reverse osmosis WTP and raw water supply wells.

The work associated with the Southwest WRF expanded and upgraded the facility from a 6.6 mgd oxidation ditch facility to a 15.1 mgd 5-stage Bardenpho™ process. In addition to the wastewater treated at the Southwest WRF, waste activated sludge from the Everest WRF is pumped and mixed with the influent of the Southwest WRF for treatment. Characterization of the wastewaters were incorporated into a process model (BioWin™) to simulate the process at various flow rates. This information provided the necessary guidance during the design phase of the project.

The improvements included upgrades to the fine screening and new grit removal facilities, new anoxic/aerobic/anoxic/reaeration basins and IMLR pumping, three new clarifiers, three new traveling bridge filters, two new chlorine contact basins for high level disinfection, effluent transfer and reclaimed water distribution pumps, two 5-MG reclaimed water storage tanks, two deep injection wells, and several new buildings (operations, electrical/generator and liquid chlorine storage). The treatment standards attained at this facility was 5-5-3 (BOD-TSS-TN).

It was vital that both the Everest and Southwest WRFs maintain operability throughout its expansion, requiring a diligent approach to mitigating the effects of construction activities. Using an operations analysis approach to mitigating conflicts during construction, Stantec was able to clearly outline the City's operability requirements and work with the construction and operations teams to ensure smooth shutdowns that did not affect the facility's operations.

Since the two upgraded and expanded WRF were brought on-line no permit excursions have occurred with regards to effluent quality. More importantly, since 2008 no effluent has been disposed of via the surface water outfall (Everest WRF) and/or via the deep injection wells (Southwest WRF), and 100-percent of the effluent is reused for irrigation purposes. The canal system within the City consisting of nearly 300-miles of canals is used to supplement the reclaimed water demand and can provide up to 42 mgd of reclaimed water to the public access reclaimed water system. In 2017, the City was awarded the "Utility of the Future" designation by the Water Environment Federation.



- RELEVANT PROJECT FEATURES**

 - Continuing Utility Services – Water, Wastewater and Reclaimed Water
 - Task order based contract
 - Condition assessment
 - Deep injection well
 - Financial management
 - Planning and final design services
 - Process modeling
 - Regulatory assistance

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Stantec	Sarasota, Florida Tampa, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <div style="font-size: 24pt; font-weight: bold; margin: 10px 0;">5</div>
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21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
West River Interceptor Diversion Pump Station and Forcemain, Tampa, Florida	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2018	2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Tampa	Cassidy Barrett	813-274-8890

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

The City of Tampa has a gravity river crossing for sanitary wastewater going to the Howard Curren WWTP near the Perry wastewater pump station. This river crossing processes between 5 and 24 million gallons of wastewater daily. During periods of high flow, the wastewater flows surpassing 15 MGD can exceed the capacity of the crossing. If this occurs, the wastewater would enter the overflow and would be discharged into the river.

A hydraulic modeling study of the system was completed to evaluate the impact of improvements the City had initiated to prevent these overflows and to determine if additional improvements are needed. The improvements that were initiated include:

- Rehabilitation of the Krause St. pumping station (completed June 2016)
- Cleaning the 60-inch interceptor downstream of the Perry overflow structure (completed October 2017)
- Rehabilitation of the Louisiana St. pumping station (under construction)

The results of the study indicated that these improvements would eliminate overflows under certain wet weather events, but overflows could still occur under extreme events. The study identified that diversion facilities upstream of the overflow structure were also needed to divert excess wet weather flow from the West River Collection system to the Central Collection system. To prevent this from happening, the City planned to install a temporary diversion pump and associated piping, to divert a portion of the flow from this part of the system to another with more capacity to help mitigate the potential for overflows while the permanent facilities can be further evaluated, designed, and constructed. The City issued an emergency contract to Garney Construction and Stantec to design and construct this facility with the goal of completing the project before the next rainy season.

Stantec provided professional engineering services for this progressive design build project, which consisted of design, surveying, permitting, and engineering services during construction. The design consisted of approximately 10,000 linear feet of 20-inch force main through an urban environment within the rights of way. The design also included the sizing of a 300 horsepower self-priming centrifugal pump station with a flow rate of 3,660 GPM. The project was designed and constructed on time and on budget successfully. The City of Tampa has not had any overflow since the project was completed.



RELEVANT PROJECT FEATURES

- Potable Reuse
- Task Order Continuing Services Contract
- Program Management
- Advanced Water Treatment And Process Modeling
- Regulatory Permitting

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Stantec	Tampa, Florida Sarasota, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 6
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21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
North Lee County Wellfield Expansion, Phase III, Lee County, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	Ongoing	To Start in 2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Lee County Utilities	Talya M. Bickle, PE, PMP	(239) 533-8504

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

The North Lee County (NLC) Wellfield consists of 19 production wells—8 on-site wells at the NLC Water Treatment Plant (WTP) and 11 off-site wells—and several miles of raw water main ranging in size from 16 inches in diameter to 24 inches. The wells are in the Lower Hawthorne Aquifer and have a total production capacity of approximately 9.4 million gallons per day (MGD). Stantec designed all the off-site wells and the raw water mains that convey raw water to the NLC WTP as part of the NLC Wellfield Expansion Phase I and Phase II projects.

Stantec was selected for the Phase III wellfield expansion project based on our experience with Phases I and II. Phase III will add approximately 22 additional production wells and associated raw water mains to the NLC Wellfield. It is expected to provide an additional 10 MGD of raw water production capacity. The Phase III wellfield expansion will provide the raw water needed for the planned expansion of the NLC WTP to 15.0 MGD. Stantec's services includes the hydrogeological services, route evaluations, hydraulic analyses, environmental services, detailed design, permitting, bidding assistance, and construction observation.

Work is underway for developing the site plans for the first six new production wells and approximately 10 miles of raw water main ranging in size from 10 inches to 20 inches in diameter. The work will be constructed in rural area of northern Lee County existing right-of-way is narrow and there are deep roadside ditches leaving narrow shoulders. With insufficient room to install the raw water main outside on the roadway, it is being designed within the limits of one of the travel lanes. The reduce restoration and impacts to traffic, the new mains will be installed using trenchless drilling.

An additional challenge encountered are the regulatory floodplains and floodways that cover much of the project area. Three of the well sites are in FEMA floodways. These well sites must be elevated to protect the wellheads and equipment from flooding. This will require a "No Rise Certificate" showing the fill placed within the floodway will not result in negative impacts.

The construction of the initial portion of the work will be completed under two contracts, one for well drilling, development, and testing and one for the well site civil improvements, well mechanical, and raw water main construction. The well drilling is anticipated to begin in January 2021 and the well site and pipeline construction is expected to begin three months later.

RELEVANT PROJECT FEATURES

- Planning And Routing Analysis
- Parcel And Easement Acquisition Assistance
- Hydraulic Modeling
- Pipeline And Well Site Design
- Trenchless Pipe Installation
- Geotechnical
- Electrical And I/C
- Backup Diesel Generator
- Environmental Assessments
- Regulatory Permitting

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Stantec	Sarasota, Florida	Prime

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 one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Production Well RO-8E and Transmission Main Design and Rehabilitation of Wells RO-1A and RO-5E, Venice, Florida	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION

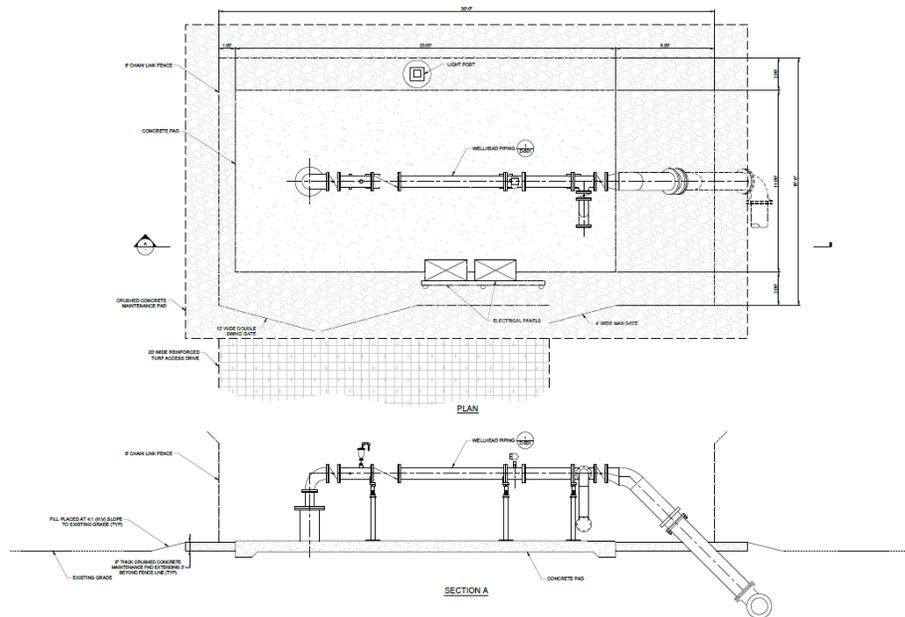
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Venice	Jim Anderson	941-882-7319

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

The City of Venice is expanding their existing wellfield to increase their water supply capacity to meet future demands. The City retained Stantec to design a new production well and transmission main for the first phase of this expansion. The design includes a new production well, pump and wellhead facilities, and 2,800 linear feet of 16-inch raw water transmission main. The new well is expected to provide up to 700 GPM of additional raw water to the City's RO water treatment plant (WTP). Also included is the extension of new fiber optic lines to provide communications between the well and the existing SCADA system at the City's RO WTP. Stantec will provide service during bidding and construction for this project.

In addition to the production well system design, Stantec prepared specification and bid documents for the rehabilitation of existing production well RO-1A and RO-5E. This work includes acidization of each well, redevelopment, and testing activities.

Work is underway associated with the well rehabilitation activities and the design effort is expected to be completed by late summer 2020. Construction management services will begin once the City selects a drilling and general contractor. The project should be substantially complete by mid-2021.



- RELEVANT PROJECT FEATURES**
- Category 1, 2, 3
 - Task Order Continuing Services Contract
 - Water, Wastewater, Reclaimed Water
 - Planning, Design, Assessment

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Stantec	Sarasota, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 8
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21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Aquifer Storage and Recovery (ASR) Well Program, Lake Okeechobee, Florida	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
South FL Water Management District	Bob Verrastro	561-682-2668

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

The Lake Okeechobee Watershed Restoration Project (LOWRP) Aquifer Storage and Recovery (ASR) Wells are a component of the LOWRP parent project. The LOWRP is a Comprehensive Everglades Restoration Plan (CERP) planning effort designed to improve water levels in Lake Okeechobee; improve the quantity and timing of discharges to the St. Lucie and Caloosahatchee estuaries; increase the spatial extent and functionality of wetlands; and improve water supply for existing legal water users. The project includes construction of 50 ASR wells located in clusters at five (5) locations throughout the Lake Okeechobee watershed.

Stantec was selected by SFWMD to evaluate the potential for developing the five sites for the construction of ten ASR well pairs at each site. These services also include permitting support and design efforts. Each well pair will consist of an Upper Floridan Aquifer (UFA) and an Avon Park Permeable Zone (APPZ) ASR well. Each ASR well is expected to store approximately five million gallons per day (MGD) of treated surface water (50 MGD at each site; 250 MGD total). The water will be pumped from local rivers and canals during the wet season when excess water is available, and then recovered during the dry season to the same water bodies to improve surface water quality and levels. This is one of the largest aquifer storage and recovery projects in the United States at this time and is expected to take several years to complete. The State of Florida has approved the initial \$100 million for the project, and it's anticipated that an additional \$150 million will be budget in the next year. Stantec's activities on this project include:

- Preliminary hydrogeological assessment of each site to determine if the aquifers are capable of storing/recovering up to 50 MGD at each site
- Identify water quality conditions within each aquifer
- Develop preliminary ASR well spacing
- Develop preliminary ASR well design documents
- Develop basis of design drawings
- Evaluate treatment technologies and provide recommendations
- Develop preliminary intake designs
- Assess and repair existing ASR pilot systems (Kissimmee River and L-63N)
- Design and implement a continuous coring program
- Develop test well design and layouts for each site
- Provide FDEP UIC permit preparation support
- Construction of test ASR and monitoring wells and conducting of long-term pumping and cycle tests.
- Develop ASR wellfield, treatment systems, pumping and piping, intake and outfall designs

RELEVANT PROJECT FEATURES

- Potable Reuse
- Task Order Continuing Services Contract
- Program Management
- Advanced Water Treatment And Process Modeling
- Regulatory Permitting

Although this project began in late 2019, the work has been fast tracked to meet schedules to demonstrate progress through the initial assessment activities. Since the start of the project, work has progressed through the hydrogeologic assessment, development of preliminary design drawings, treatment technology evaluation, L-63N ASR system assessment, Kissimmee ASR system assessment, development of the continuous coring specification, and preparation of the FDEP UIC permits.

It is expected that the continuous core program will begin in late summer 2020 and be completed the following year. The construction of the first ASR test wells is expected to begin in late 2020 once the FDEP UIC testing permit is received. In addition, it is also anticipated that cycle testing of the existing Kissimmee ASR well will begin in late 2020.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Stantec	Sarasota, Florida Naples, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER <div style="font-size: 24pt; font-weight: bold; text-align: center;">9</div>
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21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Sunrise Capital Improvements Program, Sunrise, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	2015	2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Sunrise	Tim Welch, PE	954-888-6055

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

In 2010, the City of Sunrise selected Stantec (formerly MWH) to provide engineering, consulting and program/project management services. As the City's program manager, Stantec managed five engineering consulting firms in addition to providing support staff of various levels and skills. The program consisted of over 50 projects in various life cycles ranging from concept level planning to construction closeout phase. Stantec provided the City with planning, permitting, consultant oversight, technical reviews, schedule management, and budget controls for a \$110 M 5-year CIP.

A full range of professional engineering services was provided to support the City's Utilities Department and to assist the City staff in the refinement and implementation of their 2008 Master Plan, future studies and alternative evaluations, technical reviews of designs, engineering support for financing and related engineering duties necessary to support the day to day operations of the utility.

Stantec performed various types of planning and review efforts including:

- Wellfield rehabilitation and well replacement plan, design and construction
- Concept level evaluations for treatment process optimization for lime softening and nanofiltration plants
- Compliance reviews for IDSE, 4-log, CUP, WSFP
- Project justifications with business cases and project prioritization
- Evaluation of project needs versus funding availability
- Master planning for water system and reuse utilities
- Network modeling for water main improvement prioritization
- Rehabilitation prioritization plan for 24 MGD lime softening plant, 24 MGD nanofiltration plant, and design of new reverse osmosis plant

RELEVANT PROJECT FEATURES

- Category 3
- Master Planning
- Hydraulic Analysis Reviews
- Cost Estimates, Scheduling and Capital Improvement Plan
- Compliance Reviews
- Capacity Assessment

Example projects that Stantec provided engineering consulting services to the City of Sunrise include:

- Permitting assistance of deep injection well and concentrate wells (nano and reverse osmosis concentrate)
- Alternative evaluation review for design of reuse facility
- Planning for reuse distribution system
- Consumptive use coordination support to implement reuse
- Preparation of annual plans and CIP to consider prioritization for rehabilitation of water mains, lift stations, water and wastewater treatment facilities
- Review of hydraulic analysis models of water and wastewater systems
- Process upgrade evaluations for lime softening and nanofiltration treatment plants, and operations optimization

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Stantec	Sunrise, Florida Tampa, Florida	Prime

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified.)</i> <i>Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 10
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21. TITLE AND LOCATION (City and State) Pure Water San Diego Program, San Diego, California	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
	Ongoing	Ongoing

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of San Diego Public Utilities Dept.	Amy Dorman	858-614-5504

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

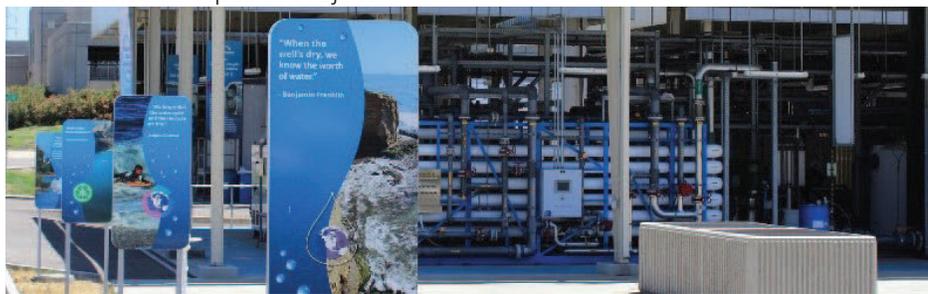
In early 2015, the City retained the Stantec team to provide as-needed technical support and program management services for the \$3B Pure Water San Diego Program—a phased, multi-year program that uses proven technology to produce a safe, reliable, and cost-effective water supply for the City. The Program will help the City overcome its water challenges by transforming the City’s water system into a complete water cycle that maximizes use and reuse of the City’s water supply. The City’s plan includes providing 30 MGD of purified water production in Phase 1, and by full implementation in 2035, providing one-third of San Diego’s water supply locally and reducing the City’s ocean wastewater discharges by nearly 50 percent.

Stantec helped the City define processes around how the Pure Water Program will be organized, delivered, and how the team will oversee and proactively manage program elements such as risk, change, procurement of design and construction services and define the technical requirements for all program elements. The Stantec team, including our subconsultants, has assisted with program management services, delivery method assessments, pre-design engineering of conveyance and treatment facilities, environmental clearance support, detailed design review, reservoir modeling, and advanced water treatment process modeling and operational readiness assessments for new facilities operation. Additionally, the Stantec team completed the preliminary design on key Phase 1 North City Pure Water conveyance and treatment projects, and supported the City in achieving an environmental clearance under CEQA/NEPA for projects including:

- Morena Pump Station and Pipeline Project: 32 MGD pump station and two 10.5-mile pipelines
- North City Water Reclamation Plant (NCWRP) Expansion Project: plant expansion from 30 to 52 MGD tertiary treatment
- North City Pure Water Facility (NCPWF) Project: new 34 MGD advanced water treatment facility that treats the reclaimed water from the NCWRP to purified water standards
- Pure Water Pipeline and Pump Station: a new 30 MGD finished water pump station, welded steel pipeline, dechlorination facility and subaqueous diffuser outlet structure in Miramar Reservoir
- Supported the City in an extensive public outreach and education process to build support for reuse and the Pure Water Program
- First California Department of Drinking Water (DDW) approved Title 22 Engineering Report for Surface Water Augmentation
- Supported the City in achieving a Record of Decision for the proposed Phase 1 projects under CEQA and NEPA enabling the Program to advance to construction phase to meet the overall program schedule
- Supported the City in securing approval for a new NPDES Discharge Permit to enable the Phase 1 facilities to proceed into operations once construction is completed
- An average of approximately 30 MGD of purified water will be pumped to Miramar Reservoir, blended with other raw water supplies, treated at the Miramar Water Treatment Plant and then distributed in the potable water system North City Pure Water Pump Station and Pipeline Project

RELEVANT PROJECT FEATURES

- Potable Reuse
- Task Order Continuing Services Contract
- Program Management
- Advanced Water Treatment And Process Modeling
- Regulatory Permitting



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Stantec	San Diego, California Broomfield, Colorado	Prime

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
		Tracy Anderson	Principal	•			•	•	•	•	
Stephen MacEachern	Project Manager	•	•	•	•	•	•				
Hal Schmidt	Technical Advisor	•	•	•	•				•		•
Sergio Hoyos	Category 1 Lead	•							•		•
Sangeeta Dhulashia	Category 3 Lead		•	•	•	•					•
David Socha	Process Mechanical	•		•	•						•
Jeovanni Ayala-Lugo	Process Mechanical	•				•					
John Spalding	Pipelines and Pumps	•				•	•	•			
Neil Johnson	Permitting	•	•	•				•	•	•	
Manuel Perez	GIS/Analytics						•				
Rick Cowles	Surface Water Resource	•					•	•			
Joe Jacangelo	Direct Potable Reuse		•	•						•	•
Corey Berner	GIS/Analytics						•				
Bradley Buchanan	Electrical/I&C		•	•			•				
John Nel	Electrical/I&C		•	•			•				
Michael Priest	Direct Potable Reuse										•

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City of Venice General Engineering Services	6	North Lee County Wellfield Expansion
2	City of West Palm Beach Surface Water Treatment Plant Upgrades	7	City of Venice Production Well RO-8E Wellhead, Piping and Controls Design
3	New Smyrna Beach General Engineering Services	8	SFWMD Aquifer Storage and Recovery Well Program
4	Cape Coral Southwest Water Reclamation Facility	9	City of Sunrise Sunrise CIP Program
5	City of Tampa West River Interceptor and Force Main	10	Pure Water San Diego Program

Tab 5: Management Approach/ Project Control

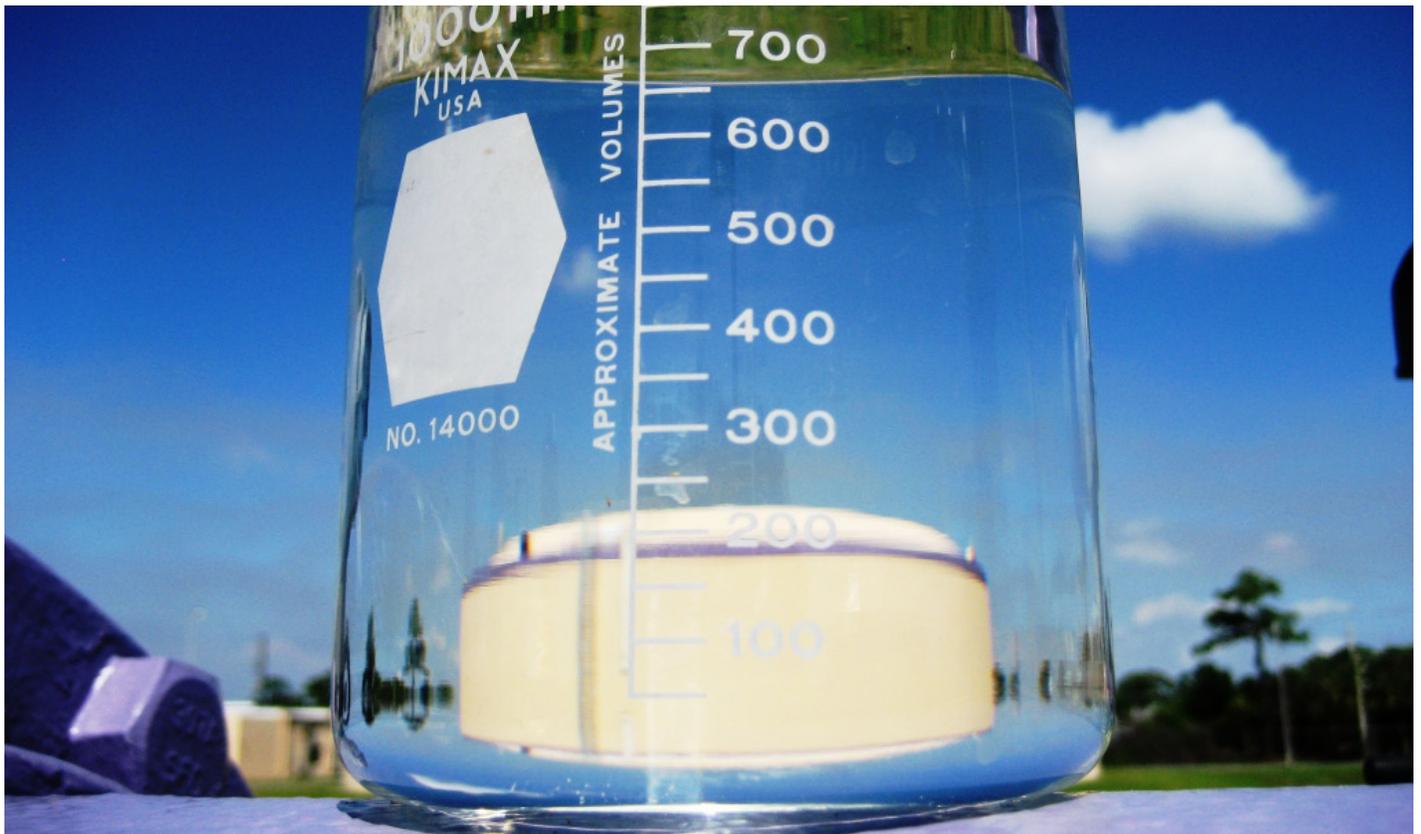
Management Approach and Project Controls

Managing Demand Services Contracts

The Stantec Team is experienced and very familiar with task order work assignments under a master continuing contract. Stantec has specialized management approaches to adapt to multiple concurrent projects. We will continuously improve by collecting feedback on each assignment to better adapt to the needs of the client and to the needs of North Port Utilities Department (NPU). Our approach is designed to meet NPU's project objectives while actively controlling cost, meeting project schedules, and producing quality deliverables. Our experience in managing master continuing contracts has led to an approach that includes all of our technical resources in one coherent management structure. A clear understanding of this process by all team members is crucial to the project's overall success..

One valuable quality a firm can bring to a continuing contract is the ability to identify and assemble a team quickly. Our Project Management Framework provides procedures to do just that. This starts with proactive communications between our team and yours to understand upcoming project needs, timing, challenges facing NPU, and project goals. By acting as partners, we can better engage our Subject Matter Experts early, highlight our abilities and past project lessons learned, and better anticipate future task orders to expedite response time.

To streamline the communication between Stantec and NPU, Stephen MacEachern will be Stantec's primary point of contact for this contract. Stephen will discuss your needs for each task order and will work with Tracy Anderson to assemble the right project team to complete the task order. Stephen and Tracy will leverage their more than 40 years of combined experience at Stantec to identify technical specialists who can provide the necessary knowledge and skills to best meet NPU's needs. With the resources Stantec has available, we are confident that we can complete tasks on-budget and on-schedule.



Our proposed core team consists of a group of professionals with experience performing work under task order work assignments. The Stantec Team includes the appropriate key team members, subject matter experts, and engineering/support staff to complete NPU's potential projects. Many of our proposed staff and our key personnel are locally based in Sarasota and have a history of working together on design projects of similar size, scale, and complexity to NPU's upcoming needs.

Subconsultant Management

We also work well with others. Strong relationships with partners mean we can build teams that draw on the talent and experience needed for any project. Stantec's positive relationships extend to our partner firms for this contract. We subcontract with firms we know and trust and that have a proven record of reliable performance. As a global multi-disciplinary firm, we have the capabilities and resources to deliver on your project; however, we take great pride in supporting our community partners. In building a strong team to address your project's needs, we have asked MSB Surveying Inc., George F. Young Inc., and Tierra, Inc. to join us for this project. We have selected these respected firms based on past working relationships, our confidence in their personnel and knowledge base, and their experiences on prior NPU projects.

The Stantec Project Management Framework

Stantec's management approach is designed to achieve three objectives:

1. Compatibility and consistency with established policies, methodologies, and standards , e.g. Project Management Institute and ISO 9001 Quality Management System
2. Responsiveness, collaboration, and communication with the NPU staff
3. Quality and reliability delivered within budgets and on schedule

Our project management approach is based on the application of consistent practices through the project lifecycle.

Project delivery requirements are aligned to the project lifecycle so that all team members know what to do, when to do it, who is responsible, and how it is done.

Project Life Cycle



Planning and Execution Phases

After the task order is assigned, planning is the next phase in Stantec's Project Life Cycle shown in the adjacent graphic. Key steps involved in the Planning, Execution and Closeout phases include:

- Project Set-up
- Scope Management
- Schedule Management
- Resource Planning and Team Management
- Cost Control
- Risk Planning, Monitoring, and Control
- Quality Planning and Management
- Procurement Planning and Management
- Environmental Planning and Management
- Health & Safety Planning and Management
- Communication & Knowledge Planning and Management
- Deliverables Acceptance



Team Assignments

1 Listen, Discuss the City's Needs, and Identify Task Orders

The Stantec Team will respond quickly and effectively to the NPU's needs. A clear collaborative understanding of the NPU's needs will allow Stantec to quickly identify resources and deliver the required expertise at the best possible value. The greatest reductions in overall project costs occur in the earliest phases of each project or task through development of a clear needs assessment and delivery strategy.

2 Contact Project Manager and Key Leads

Once Stephen has discussed the task order needs with NPU staff, he will identify the best team with relevant experience to complete the task. Our leadership team, consisting of our QA/QC Manager, Project Manager, and Technical Advisors, all have experience working collaboratively in an integrated fashion to deliver successful projects. Key technical leads will facilitate selection of the support team members based on experience and availability. We are dedicated to providing reliable, professional services when called upon by NPU. For this contract, we have selected qualified and local project support staff, along with nationally-based subject matter experts. As shown on our Organizational Chart in Tab 3, our team aligns to the scope areas identified in the RFQ, as well as from our understanding from the NPU's proposed work.

Right Person, Right Job

At Stantec, we place a lot of emphasis on assigning roles based on an individual's strengths and natural abilities. We specifically selected a proven multi-disciplined engineering and support NPU, integrating local pumping and conveyance, as well as our water/wastewater experts within our global network. Many of our local water/wastewater experts were part of the Stantec team contracted by Miami-Dade Water and Sewer Department as the Engineer of Record for all of their capital projects at the 143 MGD Central District WTP. Over the past five years on our Consent Decree contract, our design team has completed 30 task orders. Also, many of these local water/wastewater team members are involved with the improvements at the T. Mabry Carlton WTP which contends with the treatment of brackish groundwater.

Resource Planning and **Team Management**

At the planning phase, the Project Manager identifies the appropriate type and level of resources required for the completion of the task order. Working with the Project Manager, commitments are made for the availability of resources and communicated to the City.

Scope Management and Schedule Management and Cost Control

3 Develop Scope of Services & Budget

Once the needs assessment of the task order project is complete, Stephen will work with the appropriate key technical leads and subject matter experts to develop a scope and budget evaluating the associated cost and schedule risks to the project. The draft scope and budget after internal review will be submitted to NPU and revised by Stantec, if needed, to meet the task's requirements. Stephen and the key technical leads will identify potential risks to the project and include assumptions and potential solutions based on their experience and understanding of the project, and incorporate them into the task scope and budget. Incorporating solutions to manage these constraints early in the planning phase provides the best opportunity for NPU to complete projects on schedule and within budget. Assignment of the best team members to each task is of paramount importance to successful completion. The Stantec Team has the breadth of expertise and the depth of resources to enable us to assign highly capable personnel to each task. We will propose the individual(s) with the best, related experience, but NPU will have the authority to review and select the staff members it wishes assigned to the task.



We've found including risk mitigation considerations early in the scoping phase helps to ensure the project will meet the initial budget and schedule as planned.

Schedule Development

During the planning phase, Stephen and key technical leads work together to develop a project milestone schedule to estimate the timeframe for the completion of specific project activities. During execution of the project, Stephen maintains and updates the schedule to achieve completion of the project within deadlines agreed with the client.

Fee Development

The planning phase evaluates the detailed estimates of project resource costs and the estimated revenue to ensure proper control of expenditures to avoid

unnecessary overruns. Project fee development will be prepared according to a detailed work breakdown structure estimated from the bottom up. The fee will be developed in accordance with the approved contract rate tables. This detailed level of effort with corresponding deliverables, meetings/workshops, and assumptions identified will facilitate project needs discussions with the NPU's project manager and ensure expectations amongst all parties are understood.

4 Team Coordination and Communications



A key focus for Stantec is delivering the project as specified, on time, and on budget. We actively seek out client feedback throughout the project lifecycle so that we deliver on our commitment.

Stantec's Internal Design Team Coordination

Stephen will hold regular progress meetings throughout the duration of the project with the design team to track project status and ensure proper resource allocation across the assigned task order projects. These meetings will provide a regular forum within which team members representing various disciplines can share progress, findings, and concerns, and work toward the development of collaborative solutions. The progress meeting will also provide a means for the team to focus on the early identification of design issues and alternatives and discuss progress specific to each task. Depending on the complexity, schedule, and number of disciplines involved, these meetings will be held monthly at a minimum and as often as weekly for more complex projects.

Stantec's Project Coordination with NPU

Stephen will hold regular progress meetings throughout the duration of the project with NPU to review overall project status, focus on the early identification of design issues and alternatives, and discuss progress specific to each task. After these meetings, we will capture meeting notes, decision logs, and will identify action items for the team that will be distributed via meeting minutes.

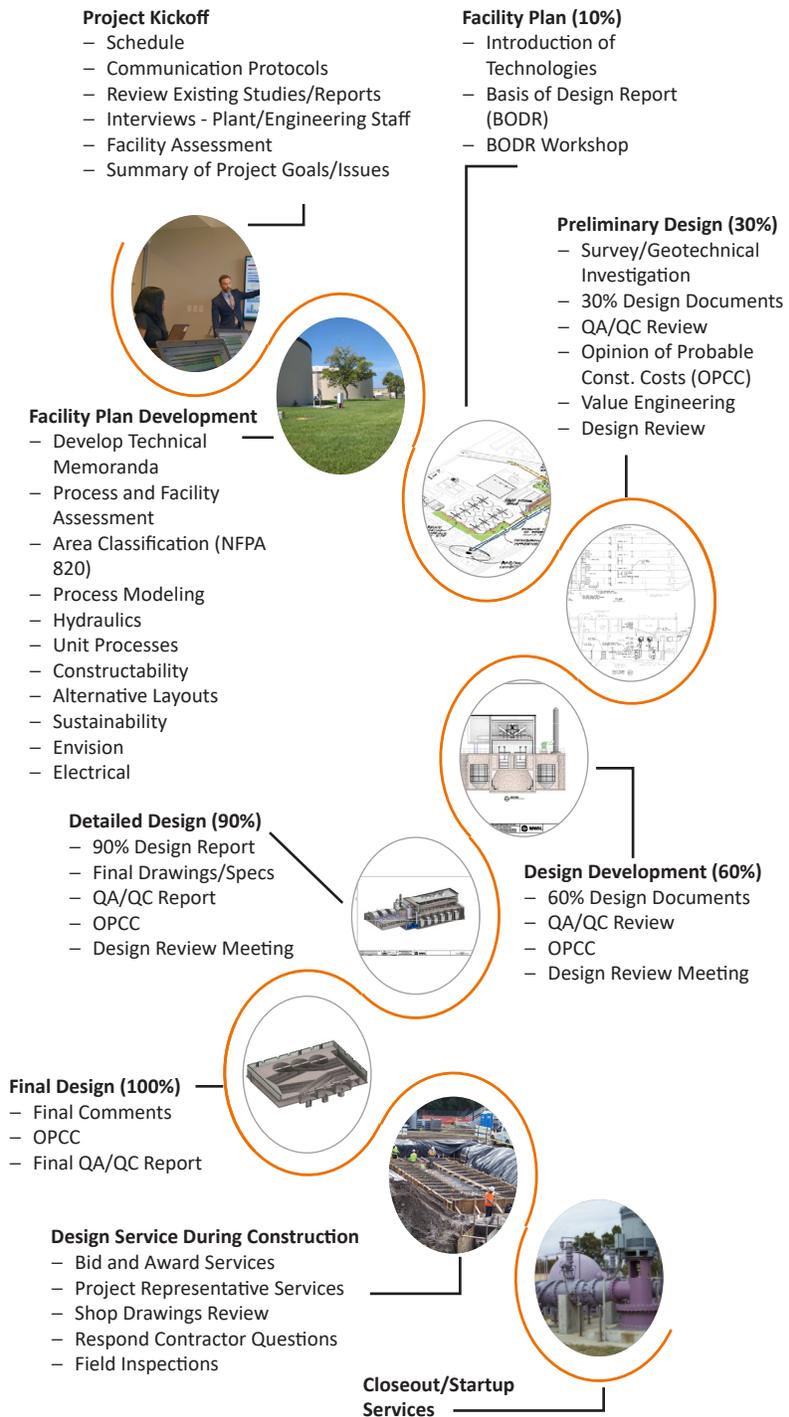
In addition to these meetings, we plan on the following additional interactions between our team and the City:

- Technical meetings and workshops
- Individual interactions (as outlined in Communications Plan of Project Execution Plan)
- Deliverable reviews

Project Delivery

5 Task Order Activities, QA/QC

Sample Work Flow Plan



The QA/QC Plan

The Stantec Team will start each component of this project with a Quality Management Plan (QMP) prepared by a team consisting of the Project Manager, QA/QC Manager(s), and key technical staff on the assignment.

The QMP will define QA/QC procedures and responsibilities. Our team partners will also be required to comply with the requirements of the QA/QC plan. At each stage of project development, from the first submittal through construction closeout, work products will be reviewed by the appropriate technical reviewer and approved by the QA/QC manager and Project Manager prior to submission to NPU.

Quality projects result from sound business and engineering practices as well as talented project management and technical staff focused on meeting the City's goals. As part of the QA/QC plan. The following components will be included in the QA/QC plan:

1. Management actively promotes quality in activities and defines responsibilities for maintaining a quality focus.
2. Trained resources, providing quality products.
3. Processes and procedures customized to the Project's needs to promote quality in the delivery of products and services.
4. Specified QA/QC requirements included in all design and construction contracts to conform to the overall QA/QC plan.

6 Project Management

Schedule Management

Once work starts on the project, the actual schedule progress is tracked and compared to the baseline schedule. On-time delivery is a key metric to assess project performance. The project schedule will accomplish the following:

- Communicate the sequence and timing of all activities to all parties involved in the project
- Provide time-based reports for use by the client and project leads in planning the work in the most efficient manner and maintaining progress
- Provide a basis for time-related contractual obligations

Cost Management and Control

There are two types of cost management and control that our team will work proactively to manage on behalf of NPU:

1. Design fee management so project completed within budget
2. Cost of construction managed through technology and design selection, risk transfer, and value engineering

Management of Construction Cost

Early in the project delivery is the greatest ability to impact costs. It's at this early stage that our design team will work with NPU to review the level of service required for the given project, minimize life cycle costs, and establish project must-haves and nice-to-haves. As the design gets further developed the focus will shift to cost minimization as a function of constructability and operability of the project followed by market leverage during bidding and preparation of construction contract documents to transfer risk appropriately between the City and the contractor. Stantec will leverage our design, construction, and operations staff, in partnership with NPU, to bring these various perspectives to the project to make sure costs are reviewed and minimized at every step of the project development.

7 Project Close-Out

Task Completion/Project Close-Out

Following NPU's formal acceptance of deliverables or construction completion, our team will begin to implement the close out activities. The team captures knowledge gained and lessons learned from the project and shares them back throughout the organization. Other aspects of the close-out phase are to evaluate and receive feedback on the project delivery itself and team performance so that Stantec, as an organization, can continually improve and recognition can be made where it is due. The final step is to close the contract financial records and documentation completing the project.

At the end of the project life-cycle, we also share any client feedback on the project deliverables and performance of the project team. Once the project is completed to the satisfaction of the NPU project team, the task is closed according to Stantec and NPU's procedures. Project performance is assessed and lessons learned are compiled and distributed to improve quality and delivery of future projects.

Workload

All staff members assigned to this contract will be fully available at project start-up and when required throughout the design and construction process. We have qualified, local, enthusiastic staff committed and ready to begin projects immediately. On average, key staff availability is over 40%. Specifically, the leads listed on Stantec's organizational chart have over 50% availability. This ensures the City's projects will receive prompt attention. Stantec also has broad additional staffing resources to ensure that all of our projects are completed efficiently and on time. The vital thing is to put key staff on notice during the Letter of Interest phase and to keep them update once selected and the PO is issued so their schedule is open.

Tab 6: References



References

City of Venice General Engineering Services

Client Name: City of Venice | **Client Contact:** Len Bramble; (941) 882-7397; 401 West Venice Avenue, Venice, FL 34285; lbramble@venicegov.com | **Completion Date:** Ongoing | **Total Cost:** \$2,500,000 | **Type of Project:** Water Treatment Plant

Stantec has served the City of Venice's continuing Utilities Department since 2011. During this period, five work orders have been performed based on our experience and knowledge of the water and wastewater utilities management and planning projects, as well as the design, permitting and construction of utility capital projects. These projects have involved all aspects of the City's water (supply, treatment and distribution) and wastewater (collection, treatment and reclaimed water reuse) facilities.

Surface Water Treatment Plant Upgrades, West Palm Beach, Florida

Client Name: City of West Palm Beach | **Client Contact:** Dr. Poonam Kalkat; (561) 822-2284; 401 Clematis Street, West Palm Beach, FL, 33401; pkalkat@wpb.org | **Completion Date:** Ongoing | **Total Cost:** \$45,000,000 (Construction) | **Type of Project:** Water Treatment Plant

The City of West Palm Beach operates a 47- MGD conventional lime softening surface water WTP. The City selected Stantec to assess, design, permit, and provide construction management services for the upgrades to increase the reliability of the City's water supply system and to meet Health Department Consent Order requirements. Stantec has completed over 30 individual work authorizations under this contract consisting of various studies, bench and pilot testing, design, and construction management projects over the past twelve years.

City of New Smyrna Beach General Engineering Services, New Smyrna Beach, Florida

Client Name: City of New Smyrna Beach | **Client Contact:** Joseph Bunch; (386) 424-3000; 200 Canal Street, New Smyrna Beach, FL, 32168; jbunch@ucnsb.org | **Completion Date:** Ongoing | **Total Cost:** n/a | **Type of Project:** Wastewater Treatment Facility

Stantec has been providing General Engineering Services since 2019 for water, wastewater and reclaimed water systems. One of the projects was the Optimization Report associated with their utility systems. The work that was associated with their water reclamation facility (WRF) that has a permitted capacity of 7.0 million gallons per day, and reuses all of the wastewater treated within their public access reclaimed water system on this project included a condition assessment, process modeling, preliminary design, and the development of a capital improvements plan. The primary projects that were the result of the report and included in their upcoming 5-year CIP that was associated with the WRF included: included a new biosolids handling facility (ATAD stabilization, centrifuge thickening and dewatering, solar drying facility), upgrades to their advanced treatment process to improve energy efficiency, clarifier upgrades, augmenting their reclaimed water supply with stormwater, management of their reclaimed water storage to expand service.

Southwest Water Reclamation Facility, Cape Coral, Florida

Client Name: City of Cape Coral | **Client Contact:** Jody Sorrels; (239) 471-6766; 4815 Nicholas Pkwy, Cape Coral, FL 33990; jsorrels@capecoral.net | **Completion Date:** 2011 | **Total Cost:** \$135,800,000 (Construction) | **Type of Project:** Wastewater Treatment Facility

Characterization of the wastewater were incorporated into a process model (BioWin™) to simulate the process at various flow rates. This information provided the necessary guidance during the design phase of the project. The improvements included upgrades to the fine screening and new grit removal facilities, new anaerobic, anoxic, aerobic, anoxic and reaeration basins and IMLR pumping, three new clarifiers, three new traveling bridge filters, two new chlorine contact basins for high level disinfection, effluent transfer and reclaimed water distribution pumps, two 5-MG reclaimed water storage tanks, two deep injection wells, and several new buildings (operations, electrical/generator and liquid chlorine storage). The treatment standards attained at this facility was 5-5-3 (BOD-TSS-TN).

West River/Perry Street Interceptor Pump Station And Force Main, Tampa, Florida

Client Name: City of Tampa | **Client Contact:** Jack Ferras, PE, Project Manager; (813) 274-8095; 2545 Guy N. Verger Blvd. Tampa, FL 33605; jack.ferras@tampagov.net | **Completion Date:** 2018 | **Total Cost:** \$4,500,000 (Construction)

Type of Project: Pipeline

The City of Tampa had experienced wastewater overflows at their Perry Street overflow structure during major wet weather events. To accommodate the additional wastewater flow during these events the City elected to have a new pump station and force main designed and constructed to divert flow directly to their Central System, which had capacity for the additional wastewater flows. The City also desired for the new pump station and force main to be installed and in service before the following rainy season. The project was performed as a design build that was completed in eight months, from the start of design to the end of construction and placement in to operation. Stantec provided professional engineering services for the progressive design-build project, which consisted of design, SUE, surveying, permitting, and engineering services during construction. The pump station consisted of a 300 horsepower self-priming centrifugal pump with a flow rate of 3660 gpm. The pump station included a diesel generator and above ground piping and valve assemblies. Approximately 10,000 LF of 20-inch diameter force main was constructed. The force main went through mainly an urban environment within the rights of way with the majority of the main being installed using horizontal directional drills. The directional drills varied in length for 600 LF to 1200 LF.

North Lee County Wellfield Expansion, Lee County, Florida

Client Name: Lee County Utilities | **Client Contact:** Talya Bickle, PE; (239) 533-8504; 1500 Monroe Street, Fort Myers, FL, 33901; tbickle@leegov.com | **Completion Date:** Ongoing | **Total Cost:** \$28,000,000 (Construction)

Type of Project: Pipeline

The City of Venice is expanding their existing wellfield to increase their water supply capacity to meet future demands. The City retained Stantec to design a new production well and transmission main for the first phase of this expansion. The design includes a new production well, pump and wellhead facilities, and 2,800 linear feet of 16-inch raw water transmission main. The new well is expected to provide up to 700 GPM of additional raw water to the City's RO water treatment plant (WTP). Also included is the extension of new fiber optic lines to provide communications between the well and the existing SCADA system at the City's RO WTP. Stantec will provide service during bidding and construction for this project.

Production Well RO-8E Wellfield Piping and Controls Design, Venice, Florida

Client Name: City of Venice | **Client Contact:** Jim Anderson; (941) 882-7319; 200 Warfield Avenue, Venice, FL 34285; wanderson@venicegov.com | **Completion Date:** Ongoing | **Total Cost:** \$2,200,000 (Construction)

Type of Project: Hydrogeology

The City of Venice is in need of additional public water supply capacity to meet growing demands. Stantec was selected to develop design and bid documents for the construction of a new production well. The design work also includes a 2800 ft. long 16-inch diameter pipeline, fiber optic communication, wellhead, and controls. The production well will be completed with 24-inch diameter casing to a depth of approximately 350 feet. The well yield is expected to be approximately 700 gpm. In addition to the production well system design, Stantec prepared specification and bid documents for the rehabilitation of existing production well RO-1A and RO-5E. This work includes acidization of each well, redevelopment, and testing activities.

Aquifer Storage and Recovery Well Program, Lake Okeechobee, Florida

Client Name: South Florida Water Management District | **Client Contact:** Bob Verrastro; (561) 682-2668; 3301 Gun Club Road, West Palm Beach, FL, 33406; bverras@sfwmd.gov | **Completion Date:** Ongoing

Total Cost: \$1,100,000 (Construction) | **Type of Project:** Hydrogeology

The Lake Okeechobee Watershed Restoration Project (LOWRP) Aquifer Storage and Recovery (ASR) Wells are a component of the LOWRP parent project. The LOWRP is a Comprehensive Everglades Restoration Plan (CERP) planning effort designed to improve water levels in Lake Okeechobee; improve the quantity and timing of discharges to the St. Lucie and Caloosahatchee estuaries; increase the spatial extent and functionality of wetlands; and improve water supply for existing legal water users. The project includes construction of 50 ASR wells located in clusters at five (5) locations throughout the Lake Okeechobee watershed. The proposed ASR well system locations are C-38S, C-38N, L-63N, C-59, and L-63S.

Pure Water San Diego Program, San Diego, California

Client Name: City of San Diego | **Client Contact:** Amy Dorman; (858) 614-5504; 525 B St, San Diego, CA 92101; adorman@sandiego.gov | **Completion Date:** Ongoing | **Total Cost:** \$3,000,000,000 (Construction)

Type of Project: Potable Reuse

Stantec helped the City define processes around how the Pure Water Program will be organized, delivered, and how the team will oversee and proactively manage program elements such as risk, change, procurement of design and construction services and define the technical requirements for all program elements. The Stantec team, including our subconsultants, has assisted with program management services, delivery method assessments, pre-design engineering of conveyance and treatment facilities, environmental clearance support, detailed design review, reservoir modeling, and advanced water treatment process modeling and operational readiness assessments for new facilities operation. Additionally, the Stantec team completed the preliminary design on key Phase 1 North City Pure Water conveyance and treatment projects, and supported the City in achieving an environmental clearance under CEQA/NEPA.



REFERENCES/CLIENT LISTING

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

1. Business/Customer Name: City of Venice

Name of Contact Person/Title: Len Bramble, Assistant City Manager

Telephone# 941-882-7397 Fax _____ E-mail lbramble@venicegov.com

Address 401 West Venice Avenue, Venice, FL 34285

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

Duration of Contract or business relationship 10 years

Type of Services Provided Water Treatment Plant

2. Business/Customer Name: City of West Palm Beach

Name of Contact Person/Title: Dr. Poonam Kalkat, Director of Public Utilities

Telephone# 561-822-2284 Fax _____ E-mail pkalkat@wpb.org

Address 401 Clematis Street, West Palm Beach, FL 33401

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

Duration of Contract or business relationship 13 years

Type of Services Provided Water Treatment Plant

3. Business/Customer Name: City of New Smyrna Beach

Name of Contact Person/Title: Joseph Bunch, General Manager

Telephone# 386-424-3000 Fax _____ E-mail jbunch@ucnsb.org

Address 200 Canal Street, New Smyrna Beach, FL 32168

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

Duration of Contract or business relationship 1 year

Type of Services Provided Wastewater Treatment Facility

COMPANY NAME: Stantec Consulting Services Inc.

SIGNATURE:  _____

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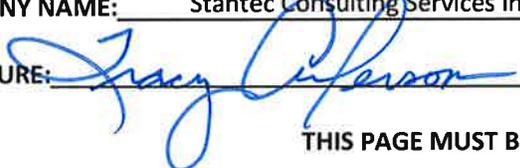
REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

4. Business/Customer Name: City of Cape Coral
Name of Contact Person/Title: Jody Sorrels, Assistant Utility Director
Telephone# 239-471-6766 Fax _____ E-mail jsorrels@capecoral.net
Address 4815 Nicholas Pkwy, Cape Coral, FL 33990
Phone Number _____ Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 20 Years
Type of Services Provided Wastewater Treatment Facility

5. Business/Customer Name: City of Tampa
Name of Contact Person/Title: Jack Ferras, PE, Project Manager
Telephone# 813-274-8095 Fax _____ E-mail jack.ferras@tampagov.net
Address 2545 Guy N. Verger Blvd., Tampa, FL 33605
Phone Number _____ Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 15 Years
Type of Services Provided Pipeline

6. Business/Customer Name: Lee County Utilities
Name of Contact Person/Title: Talya Bickle, PE, Project Manager
Telephone# 239-533-8504 Fax _____ E-mail tbickle@leegov.com
Address 1500 Monroe Street, Fort Myers, FL 33901
Phone Number _____ Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 12 Years
Type of Services Provided Pipeline

COMPANY NAME: Stantec Consulting Services Inc.

SIGNATURE:  _____

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

7. Business/Customer Name: City of Venice
Name of Contact Person/Title: Jim Anderson, Operations Supervisor
Telephone# 941-882-7319 Fax _____ E-mail wanderson@venicegov.com
Address 200 Warfield Avenue, Venice, FL 34285
Phone Number _____ Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 10 Years
Type of Services Provided Hydrogeology

8. Business/Customer Name: South Florida Water Management District
Name of Contact Person/Title: Bob Verrastro, Project Manager
Telephone# 561-682-2668 Fax _____ E-mail bverras@sfwmd.gov
Address 3301 Gun Club Road, West Palm Beach, FL, 33406
Phone Number _____ Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 4 Years
Type of Services Provided Hydrogeology

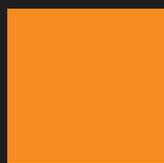
9. Business/Customer Name: City of San Diego
Name of Contact Person/Title: Amy Dorman, Program Manager
Telephone# 858-614-5504 Fax _____ E-mail adorman@sandiego.gov
Address 525 B St, San Diego, CA 92101
Phone Number _____ Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 5 Years
Type of Services Provided Potable Reuse

COMPANY NAME: Stantec Consulting Services Inc.

SIGNATURE: 

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Tab 7: Litigation and Insurance





Litigation and Insurance

Litigation

There are no unsatisfied judgments or arbitration awards outstanding against Stantec. Stantec does have some legal proceedings, lawsuits, or claims pending. These are a normal part of professional services industries. All have been reported to Stantec's insurers who are in the process of adjusting/managing them. None will have a material effect on the financial position of the company or its ability to undertake this assignment. Perhaps of greater comfort to our clients is the fact that Stantec seeks to deal with client concerns and claims promptly and fairly through its Risk Management group. As a public company, Stantec has substantial assets and maintains a high professional liability insurance limit. Stantec's claims history has resulted in relatively low insurance premiums when compared with firms of similar size and character.

Insurance

The following pages includes Stantec's insurance forms.

ACORD		CERTIFICATE OF LIABILITY INSURANCE		5/1/2021	DATE (MM/DD/YYYY)	4/10/2020
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p>						
PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000		CONTACT NAME: _____ PHONE (A/C, No. Ext.): _____ FAX (A/C, No.): _____ E-MAIL: _____ ADDRESS: _____				
INSURED STANTEC CONSULTING SERVICES INC. 370 INTERLOCKEN BLVD SUITE 300 BROOMFIELD CO 80021-8012		INSURER(S) AFFORDING COVERAGE NAIC # INSURER A: Berkshire Hathaway Specialty Insurance Company 22276 INSURER B: Travelers Property Casualty Co of America 25674 INSURER C: _____ INSURER D: _____ INSURER E: _____ INSURER F: _____				
COVERAGES CERTIFICATE NUMBER: 14193567 REVISION NUMBER: XXXXXX						
<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p>						
REF. LTR.	TYPE OF INSURANCE	ADDL. SUBR. (INSR. LVLD.)	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL CROSS <input checked="" type="checkbox"/> XU COVERED GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO. <input type="checkbox"/> SJECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER	N	47-GL-0-307584	5/1/2020	5/1/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COM/POP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	N	TC21-CAP-SE086819 (AOS) TJ-BAP-8FD68620 TC21-CAP-SE087017 (NJ)	5/1/2020 5/1/2020 5/1/2020	5/1/2021 5/1/2021 5/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXX BODILY INJURY (Per accident) \$ XXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXX PRODUCTS - COM/POP AGG \$ XXXXXXX
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> RETENTIONS	N	47-UM-0-307585	5/1/2020	5/1/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 PRODUCTS - COM/POP AGG \$ XXXXXXX
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in RW) (yes, describe under DESCRIPTION OF OPERATIONS below)	Y/N	TC21-UB-8E08592 (AOS) TJ-UB-8E08593 (MA, WI) EXCEPT FOR OH ND WA WY	5/1/2020 5/1/2020	5/1/2021 5/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 9TH ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) TO WHOM IT MAY CONCERN.						
CERTIFICATE HOLDER 14193567 TO WHOM IT MAY CONCERN			CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE, THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE: <i>Joseph M. Agnello</i>			
ACORD 25 (2016/03) The ACORD name and logo are registered marks of ACORD © 1988-2015 ACORD CORPORATION. All rights reserved.						

ACORD		CERTIFICATE OF LIABILITY INSURANCE		10/1/2020	DATE (MM/DD/YYYY)	9/13/2019
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p>						
PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000		CONTACT NAME: _____ PHONE (A/C, No. Ext.): _____ FAX (A/C, No.): _____ E-MAIL: _____ ADDRESS: _____				
INSURED STANTEC CONSULTING SERVICES INC. 370 INTERLOCKEN BOULEVARD, SUITE 300 BROOMFIELD CO 80021-8012		INSURER(S) AFFORDING COVERAGE NAIC # INSURER A: Berkshire Hathaway Specialty Insurance Company 22276 INSURER B: AIG Specialty Insurance Company 26883 INSURER C: _____ INSURER D: _____ INSURER E: _____ INSURER F: _____				
COVERAGES CERTIFICATE NUMBER: 14181323 REVISION NUMBER: XXXXXX						
<p>THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.</p>						
REF. LTR.	TYPE OF INSURANCE	ADDL. SUBR. (INSR. LVLD.)	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> CONTRACTUAL CROSS <input type="checkbox"/> XU COVERED GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO. <input type="checkbox"/> SJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	N				EACH OCCURRENCE \$ XXXXXXX DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XXXXXXX MED EXP (Any one person) \$ XXXXXXX PERSONAL & ADV INJURY \$ XXXXXXX GENERAL AGGREGATE \$ XXXXXXX PRODUCTS - COM/POP AGG \$ XXXXXXX
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	N				COMBINED SINGLE LIMIT (Ea accident) \$ XXXXXXX BODILY INJURY (Per person) \$ XXXXXXX BODILY INJURY (Per accident) \$ XXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXX PRODUCTS - COM/POP AGG \$ XXXXXXX
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> RETENTIONS	N				EACH OCCURRENCE \$ XXXXXXX AGGREGATE \$ XXXXXXX PRODUCTS - COM/POP AGG \$ XXXXXXX
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in RW) (yes, describe under DESCRIPTION OF OPERATIONS below)	Y/N				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> 9TH ER E.L. EACH ACCIDENT \$ XXXXXXX E.L. DISEASE - EA EMPLOYEE \$ XXXXXXX E.L. DISEASE - POLICY LIMIT \$ XXXXXXX
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) TO WHOM IT MAY CONCERN.						
CERTIFICATE HOLDER 14181323 TO WHOM IT MAY CONCERN			CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE, THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE: <i>Joseph M. Agnello</i>			
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Tab 8: Additional Information



Additional Information

Additional Services Offered by Stantec

Stantec is a full service consulting firm, providing technical engineering, construction and consulting services in all aspects from water to infrastructure to energy to finance to architecture to natural resources. Our water business also includes work on water and wastewater networks, hydropower and renewable energy, ports and waterways, environmental services and infrastructural sustainability. We provide the full lifecycle of planning, design and construction management services. As a consulting firm, we are dedicated to bringing innovative and impactful solutions to our clients. In addition to the design, construction administration, geotechnical, survey, and modeling related services described in the example projects outlined in this proposal, we also offer leading edge expertise in Advanced Visualization and Intelligent Platforms.

Stantec engineers provide technically advanced, sustainable solutions for a variety of infrastructure sectors. Our comprehensive service offerings separate us from the competition. A sampling of relevant services for this submittal are highlighted below.

Engineering and Technical Services

Encompassing the entire water cycle spectrum, our technical expertise extends from water sourcing and wastewater treatment to environmental and natural resource services. Our expansive range of engineering and technical services include:

- Master planning
- Technical and economic feasibility studies
- Environmental impact assessments
- Project development planning
- Design
- Risk management assessment
- Constructibility reviews
- Alternative design analysis
- Conceptual and final design documents
- Quality assurance
- Laboratory testing
- Water and wastewater process modeling
- Regulatory agency/ordnance permitting and coordination
- Surveying
- Hydraulic modeling
- Business Delivery Review
- I&C design
- Biological assessments
- Bid-phase services

Advanced Visualization

Whether you are trying to determine ways to improve your operations, looking for a more collaborative construction management process, or strategies to decrease the likelihood of costly change orders, your Stantec Team can utilize a suite of cutting-edge tools to ensure your project is delivered on-time and in the most cost-effective manner possible. Some examples of our current advanced visualization services include:

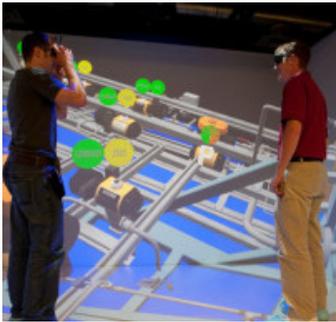


Building Information Modeling (BIM): BIM is more than a 3D model, it's the key to unlocking your building's potential. Using this powerful technology, we can help you move your project forward, improve your operations, and capitalize on opportunities that would have been previously unachievable. When utilizing Stantec's BIM services, our clients and project-delivery stakeholders benefit from:

- Improved team collaboration
- Our experience in Clash Detection with BIM-enabled construction partners
- 3-D design and coordination of building systems
- A comprehensive 3-D visualization throughout the design process



4D and 5D Modeling: By tying the schedule to a 3D model of the project site, we are further able to simulate the facility’s construction in four dimensions (4D). It is here where we find clashes between scheduling logic and design flaws. Whereas 5D modeling combines the intelligence of a 3D model with the scheduling/timing elements of a 4D model and additionally feeds in all relevant cost data. This model allows for the visualization of a project’s sequencing from design through construction, highlighting when key milestones will occur and their ultimate impact to the cost of the project. 5D models provide a deeper understanding of the project for the Owner, Designer, Constructor, and even the Project Stakeholders and local Community.



CAVE (Computer Assisted Virtual Environment): CAVE is an immersive virtual reality environment where projectors are directed to three, four, five or six of the walls of a room-sized cube. Participants wear 3D glasses inside the CAVE to see 3D graphics generated by the CAVE environment and can see objects appear to float in the air, walk around them, and get a proper view of what they will look like in reality. CAVE has become an invaluable review tool for our recent design projects for communicating not only with the client, but also the Contractor during the construction phase.



Oculus Rift: By using low cost, easily portable Oculus Rift headsets, the user, is placed in a completely immersive environment in which a highly realistic, computer-generated world can be experienced on a ‘first person’, 1:1 scale. VR effectively tricks the brain—and the user—into believing that the virtual world is real to the extent that the user actually feels as though he or she is thereby simulating proximity to objects and height above the ground. Utilizing an Oculus Rift headset, the client’s plant operators can ‘walk’ around a control room before it’s even built. Our Oculus Rift initiative has included the production of mature delivery workflows, VR templates for model conversion, and an expanding library of VR objects. In recent years, technological advances in 3D visualization glasses have allowed an interactive immersion workshop to be conducted at the client’s office. Stantec received Bentley’s

2014 Be Inspired Award for “Innovation in Water and Wastewater Treatment,” recognizing our utilization of this interactive workshop style during our work on the Seafield Thermal Hydrolysis project. By combining 5D data with Oculus Rift, we were able to provide the client with full immersion into the project site from their local office.

Support Services

Stantec provides a variety of support services as part of our philosophy of providing comprehensive project management, design and construction administration. However, our experience with water and wastewater projects has helped to evolve our project support philosophy through interaction with a variety of owners and firms. Since no two organizations are alike, we customize our plans and processes to meet the needs and goals of each client.

Research: Stantec has a formal strategic alliance with Johns Hopkins University’s Bloomberg School of Public Health. This alliance, held within the School’s Water Institute, provides Stantec’s offices and clients around the world access to an unprecedented academic knowledge base, experience, and laboratory capabilities. The School of Public Health has been consistently ranked over the past decade by US News and World Report as the number one school of public health in the United States and currently has an ongoing presence in over 130 countries. As part of this partnership, Stantec has its own research laboratory embedded directly within the University.

Additionally, our resources in this field include bench-, pilot-, and demonstration-scale equipment and facilities which allow us to conduct laboratory and field studies as part of assessments for our global client base *to support indirect and direct potable reuse programs*. We maintain staff with manufacturing design experience who provide custom fabrication services for bench and pilot equipment, process train installation and startup, remote data acquisition and analysis capabilities.

Resource Efficiency Management: Stantec is committed to helping clients develop sustainable solutions that meet their business and economic objectives. As such, we provide a suite of services designed to accomplish a fundamental purpose for our clients- reduce their on-site capital and operating expenses due to inefficient resource use. Our suite of services includes: Energy Management (e.g. energy economics, cogeneration), Renewable Energy (e.g. biomass/ biogas, hydropower, solarphotovoltaic, wind, incineration and waste to energy), Climate Change (e.g. carbon accounting, reduction, and management), and Sustainable Water Management (e.g. water conservation and reuse, sustainable design, integrated water and energy solutions, anaerobic digestion and biogas, and demand side management).

Emergency and Disaster Relief Services: Stantec’s disaster response and recovery experience includes planning, management in post, advance resiliency in post, and pre-disaster planning. We have served on numerous disaster preparedness teams across the globe and have been planning resiliency strengthening programs for decades. Our team of highly qualified safety professionals and risk mitigation specialists can assess existing aged or damaged infrastructure and present solutions to current and future resiliency issues.

Hurricane Irma Post Disaster Services

Hurricane Irma was the first major (Category 3 or higher) hurricane to make landfall in South Florida since Wilma of 2005. The highest wind gust recorded on land in South Florida was 142 mph at a site near Naples Airport. Damage throughout the County was significant, requiring an expansive and coordinated response.

Immediately following the landfall of Hurricane Irma, Stantec stepped up to assist Collier County in their recovery efforts. Services provided to Collier County included:

- Attending daily Disaster Response briefings to better coordinate response activities, Stantec staff assisted the Disaster Recovery Teams, most of which were from outside the area.
- Stantec provided trained chainsaw crews to clear debris from utility sites, capitalizing on our local CEI team with extensive safety training. Dozens of pump stations were cleared, allowing for a more detailed operational assessment and subsequent connection of generators to ensure operational capacity was maintained.
- Building damage assessments were performed to determine the best interim solutions to reduce further damage to these buildings as well as preparation of reports used to create scopes of work for longer term repairs and/or replacements.
- Assist pump trucks in locating pump stations without power to avoid spills. Tapping our local knowledge and familiarity, our staff was able to provide 24-hour service in support of these resources to minimize potential negative environmental impacts due to overflows.
- Daily coordination in support of maximum FEMA reimbursement by acting as liaison between Disaster Service Recovery provider and County staff to ensure appropriate communication and documentation.



Program Management and Management Consulting: Partnering and relationships underscore our global program management philosophy. Stantec often serves as its clients’ single point of contact for designer, contractor and third party project participants. In this capacity, we instill goals and standards while working quickly to integrate with our clients in order to assist them in achieving their goals. Our comprehensive service offering assists clients by:

- Task order execution
- Managing their wet infrastructure resources
- Developing intellectual technology systems to integrate clients’ data sources
- Developing project execution plans, detailed schedules and cost forecasts
- Prioritizing projects within a given program
- Coordinating permitting throughout the program
- Planning and managing regulatory compliance
- Monitoring the progress of individual projects and the program as a whole
- Integrating environmental and public outreach services with engineering projects
- Integrating the engineering, procurement and construction efforts

H. ADDITIONAL INFORMATION

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

Stantec, founded in 1954, provides professional consulting services in project management, project economics, engineering, architecture, planning, landscape architecture, interior design, surveying, and environmental sciences for infrastructure and facilities projects. Our focus is on providing innovative solutions respecting local preferences and understanding the myriad environmental regulations and design guidelines that affect today's transportation projects. We manage the project development process proactively, recognizing that successful transportation projects require more than just good technical solutions - they must be sustainable economically, socially, and environmentally. We pride ourselves on our ability to work with our clients and stakeholders to achieve that while supporting cost-effective solutions.

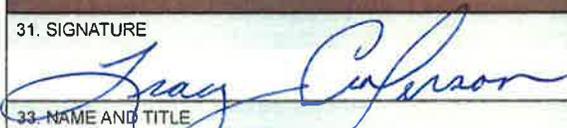
By viewing water as an integrated system, Stantec delivers solutions to conveyance, wastewater treatment, water treatment, and water resources projects that minimize cost and maximize the sustainability of the resource.

When your goal is to move water, we are there with pumping, piping, and storage expertise for stormwater, wastewater, and treated water. Our projects consistently deliver to communities next door or those hundreds of miles distant. When your water carries a waste product, our treatment processes protect natural resources while minimizing cost and regulatory risk. We are at the forefront of advanced wastewater treatment and can help satisfy even the most stringent discharge limits. When water quality is critical to your community or industrial process, we focus on maximum efficiency and consistency. As an industry leader in water treatment, we bring best practices from some of the largest plants in North America. Finally, when you need to manage surface water quantity and quality, our solutions result in aesthetically pleasing community assets. We are well-versed in wet weather flow management, dams, bank protection, river and stream restoration, and flood protection.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

7/17/2020

33. NAME AND TITLE

Tracy Anderson, PE

Tab 9: Submission Requirements and Required Submittal Forms

33. Name and Title. Self-explanatory.

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

A. SUBMITTAL REQUIREMENTS

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

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

READ/EXECUTED & INCLUDED

- Proposal Submittal Signature Form
- Statement of Organization
- References

- Drug-Free Workplace (If Applicable)
- Public Entity Crime Information
- Non-Collusive Affidavit

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

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

- Scrutinized Business Certification Form

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

- Copy of Registration, Attached

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

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

- YES NO Sample Insurance Certificate is included with the submittal

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

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

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

- NOT CLAIMING MBE/WBE/VBE

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH YOUR PROPOSAL

PROPOSAL SUBMITTAL SIGNATURE FORM

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

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

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

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

Company Name Stantec Consulting Services Inc.

941-907-6900 tracy.anderson@stantec.com 941-907-6910

Telephone # E-Mail Fax #

10220-103, Suite 400

Main Office Address

Edmonton Alberta T5J 0K4

City State Zip Code

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

6900 Professional Parkway East

Office Address

Sarasota Florida 34240-8414

City State Zip Code

941-907-6900 tracy.anderson@stantec.com 941-907-6910

Telephone # E-mail Fax #

Tracy Anderson, PE, Senior Principal

Name & Title of Firm Representative


Signature

7/19/2020
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: Stantec Consulting Services Inc.

DBA (if any): _____

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

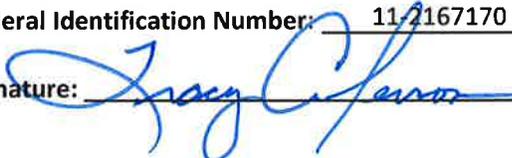
Business Address: 6900 Professional Parkway East
Sarasota, FL 34240-8414

Phone: 941-907-6900 Fax: 941-907-6910

E-Mail tracy.anderson@stantec.com

Print Name and Title of person authorized to bind: Tracy Anderson, PE, Senior Principal

Federal Identification Number: 11-2167170

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: Stantec Consulting Services 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.: F0100005948

Does it use a registered fictitious name: Yes or No

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

Names of Officers: Please see list of Stantec Consulting Services Inc. officers on the following page:

President: _____ **Secretary:** _____

Vice President: _____ **Treasurer:** _____

Director: _____ **Director:** _____

Other: _____ **Other:** _____

Name of Corporation (As used in Florida):

Stantec Consulting Services Inc.

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

Corporate Address:

Post Office Box: _____

City, State Zip: _____

Street Address: _____

City, State, Zip: _____

10220-103 Avenue NW, Suite 400

Edmonton, Alberta T5J 0K4

STATE OF FLORIDA

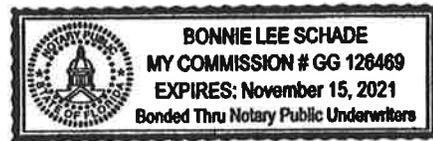
COUNTY OF _____

Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 19th
day of July, 2020 by _____

Tracy Anderson
Bonnie Lee Schade
Notary Public - State of Florida

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



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

STANTEC CONSULTING SERVICES INC.

SHAREHOLDERS:

Mustang Acquisition Holdings Inc. - 100%

DIRECTORS:

Stuart E. Lerner
Jeffrey P. Stone

OFFICERS:

President	Gordon A. Johnston
Chief Operating Officer – North America & Executive Vice President	Stuart E. Lerner
Chief Operating Officer – Global & Executive Vice President	Catherine Schefer
Chief Business Officer & Executive Vice President	Valentino DiManno
Chief Innovation Officer & Executive Vice President	Marshall W. Davert Jr.
Chief Practice and Project Officer & Executive Vice President	Steve Fleck
Chief Human Resources Officer	Emree Siaroff
Executive Vice President	Leonard Castro
Executive Vice President	Mario Finis
Executive Vice President	Michael A. Kennedy
Executive Vice President	Eric Nielsen
Executive Vice President	Robert Seager
Executive Vice President	John Take
Executive Vice President	Susan Walter
Executive Vice President	Russ Wlad
Senior Vice President & CEO - Engineering	Brian Larson
Senior Vice President & CIO	Chris McDonald
Senior Vice President	Paul J.D. Alpern
Senior Vice President	Richard Andrachek
Senior Vice President	Donal J. Bassett
Senior Vice President	David R. Bernier
Senior Vice President	Clayton A. Bock
Senior Vice President	Patrick G. Corser
Senior Vice President	Paul J. DeKeyser
Senior Vice President	Joseph Geller
Senior Vice President	Anton Germishuizen
Senior Vice President	James Grasty
Senior Vice President	John J. Hanula
Senior Vice President	David Haywood
Senior Vice President	David Irvine

STANTEC CONSULTING SERVICES INC.

Senior Vice President	Dave Lamontagne
Senior Vice President	Jon Lessard
Senior Vice President	James E. Lindell
Senior Vice President	John S. Montgomery
Senior Vice President	Bjorn Morisbak
Senior Vice President	Robert Mullins
Senior Vice President	Michael Newbery
Senior Vice President	Brian P. Norris
Senior Vice President	James (Jim) R. Obermeyer
Senior Vice President	Eric Overton
Senior Vice President	Dean Palumbo
Senior Vice President	Philip R. Perciavalle
Senior Vice President	Marilynn F. Robinson
Senior Vice President	Chander K. Sehgal
Senior Vice President	Constantino Senon
Senior Vice President	Robert A. Simm
Senior Vice President	David Smith
Senior Vice President	Donald J. Spiegel
Senior Vice President	Scott Storlid
Senior Vice President	Glenn S. Tarbox
Senior Vice President	Jonathan R. Treen
Senior Vice President	Arthur Umble
Senior Vice President	Mike Watson
Senior Vice President	Christopher Williams
Senior Vice President	Andrew C. Wilson
Vice President	Frank Aceto
Vice President	Becky Hachenburg
Vice President	Michael Reagan
Vice President	Alfonso Rodriguez
Vice President	Jeffrey P. Stone
Senior Principal	Scott Buttari
Principal	Robert R. Cunningham
Principal	Steve Shadix
Senior Associate	Jason Schneider
Senior Associate	Kelly VanElders
Associate & CEO – Surveying	Jerome Means
Right of Way Officer	Linda Brown
Right of Way Officer	Geraldine V. Webb
Corporate Counsel	David Archer
Corporate Counsel	Donald Blackwell
Corporate Counsel	William A. Butler
Corporate Counsel	Thomas Curran
Corporate Counsel	William J. Edwards
Corporate Counsel	Cate Hite
Corporate Counsel	Katharine LaFrance
Corporate Counsel	Christy J. Leonard

STANTEC CONSULTING SERVICES INC.

Corporate Counsel
Corporate Counsel
Corporate Counsel
Corporate Counsel
Corporate Counsel
Secretary
Assistant Secretary
Treasurer

Amy Oygen
Marissa Johnson Prakash
Robert J. Ray
Corey Sanchez
Matthew Storey
Christopher O. Heisler
Jeffrey P. Stone
Theresa Jang

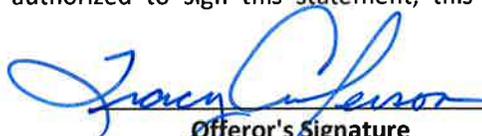
DRUG FREE WORKPLACE FORM

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that
Stantec Consulting Services 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
7/19/2020

Date

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

PUBLIC ENTITY CRIME INFORMATION

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

I, Tracy Anderson, PE, being an authorized representative of the Respondent, Stantec Consulting Services Inc., located at 6900 Professional Parkway East
City: Sarasota State: Florida Zip Code: 34240-8414, 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.

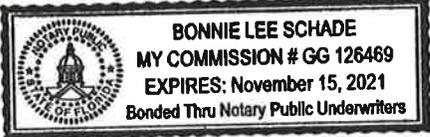
Signature: *Tracy Anderson* Date: 7/19/2020
Telephone #: 941-907-6900 Fax #: 941-907-6910
Federal ID #: 11-2167170

STATE OF FLORIDA
COUNTY OF Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 19th
day of July 2020, by *Tracy Anderson*

Bonnie Lee Schade
Notary Public - State of Florida

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



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

NON-COLLUSIVE AFFIDAVIT

Before me, the undersigned authority, personally appeared:

Tracy Anderson, PE who, being first duly sworn, deposes and says that:

1. He/She is the Representative (Owner, Partner, Officer, Representative or Agent) of Stantec Consulting Services 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 19 day of July, 2020.

By: Tracy Anderson

TRACY ANDERSON

(Printed Name)

SENIOR PRINCIPAL

(Title)

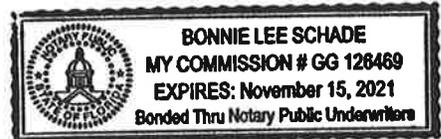
STATE OF FLORIDA

COUNTY OF Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 19th day of July, 2020 by Tracy Anderson

Bonnie Lee Schade
Notary Public - State of Florida

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



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

LOBBYING CERTIFICATION

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

STATE OF Florida

COUNTY OF Sarasota

This _____ day _____ of 2017

Tracy Anderson, PE, being first duly sworn, deposes and says that he or she is the authorized representative of Stantec Consulting Services 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 19 day of July, 2020.

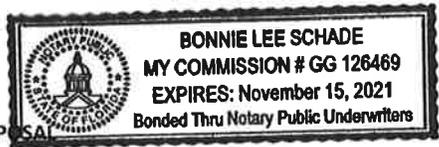
By: [Signature]
TRACY ANDERSON
(Printed Name)
SENIOR PRINCIPAL

STATE OF FLORIDA
COUNTY OF Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 19th day of July, 2020, by Tracy Anderson.

[Signature]
Notary Public - State of Florida

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



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

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: Stantec Consulting Services Inc.

SIGNATURE: 

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?**

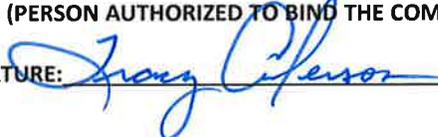
If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. 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: Stantec Consulting Services Inc.

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): Tracy Anderson, PE

SIGNATURE:  DATE: 7/19/2020

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

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

Scrutinized Company Certification Form

Company Name: <u>Stantec Consulting Services Inc.</u>			
Authorized Representative Name and Title: <u>Tracy Anderson, PE, Senior Principal</u>			
Address: <u>6900 Professional Parkway East</u>	City: <u>Sarasota</u>	State: <u>Florida</u>	ZIP: <u>34240-8414</u>
Phone Number: <u>941-907-6900</u>	Email Address: <u>tracy.anderson@stantec.com</u>		

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

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

CHOOSE ONE OF THE FOLLOWING

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

I understand that pursuant to Florida Statutes, section 287.135, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the above-named company to civil penalties, attorney's fees and costs.	
Certified By: 	_____
AUTHORIZED REPRESENTATIVE SIGNATURE	
Print Name and Title: <u>Tracy Anderson, PE, Senior Principal</u>	_____
Date Certified: <u>7/19/2020</u>	_____

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

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

END OF PART IV