

City of North Port, FL

Professional Utility Engineering Services – Continuing Contracts for City of North Port

RFP NO. 2025-12

APRIL 2025



City of North Port, FL

Professional Utility
Engineering Services –
Continuing Contracts
for City of North Port

RFP NO. 2025-12

CDM Smith Inc.

Contact Person: Justin Saarinen, GISP; Principal
401 North Cattlemen Road, Suite 110
Sarasota, FL 34232

Phone/Cell: 941.780.7028

Email: saarinenja@cdmsmith.com

**CDM
Smith**

Table of Contents

Tab 1: Transmittal Letter	1-1
Tab 2: Qualifications of the Consultant Firm	2-1
Minimum Qualification Requirements SF330 Section A-C and Part II	
Tab 3: Qualifications of the Project Team/Project Manager Experience	3-1
Specific Professional Services to be Offered Summary of Key Personnel SF330 Section E	
Tab 4: Proficiency with Similar Services/Projects	4-1
Nearly 50 Years of Providing Comprehensive Engineering Solutions in Florida SF330 Section F	
Tab 5: Project Control/Approach	5-1
Understanding of the Scope of Services Project Approach	
Tab 6: References	6-1
Five (5) Reference Projects Attachment 3 - References/Client Listing Attachment 4 - Reference and Performance Questionnaire Verification Form	
Tab 7: Litigation and Insurance	7-1
Tab 8: Additional Information	8-1
SF330 Section H-I	
Tab 9: City Required Forms	9-1
Attachment 1 - Proposal Submittal Signature Form Attachment 2 - Statement of Organization Attachment 5 - Drug-Free Workplace Attachment 6 - Public Entity Crime Information Attachment 7 - Non-Collusive Affidavit Attachment 8 - Lobbying Certification Attachment 9 - Conflict of Interest Form Attachment 10 - Disclosure Form (Consultant/Engineer/Architect) Attachment 11 - Scrutinized Company Certificate Attachment 12 - Vendor’s Certification for E-Verify System Attachment 13 - Certification Regarding Debarment, Suspension, and other Responsibility Matters Attachment 14 - Certification Regarding Lobbying - Federal Attachment 15 - Affidavit of Compliance Regarding Foreign Entity of Concern Laws Attachment 16 - Anti-Human Trafficking Affidavit	



Tab 1

Transmittal Letter





April 4, 2025

City of North Port, Florida
Donald "Keith" Raney, Contract Administrator II
Finance Department-Purchasing Division
4970 City Hall Boulevard, Suite 337
North Port, Florida 34286

Subject: Professional Utility Engineering Services Continuing Contracts for City of North Port - RFP NO. 2025-12

CDM Smith Inc. understands that the City of North Port desires to contract consultant firms to conduct work that consists of, but not be limited to, all aspects of professional services necessary for Engineer of Record projects for the City. CDM Smith is submitting our response to be considered for the following categories:

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

Committed to Delivering the Results that are Right for You: Our local team of professionals has a reputation for being operations-focused and open-minded in considering “outside of the box” approaches to reliably deliver solutions for our clients. Serving as an extension of your staff, we will be responsive and available to meet the unique needs and demands of this contract in an efficient and timely manner. We will tailor our solutions to the specific needs of the City, and in doing so, we will consider innovative approaches to deliver the planning, design, and/or construction management goals of your projects. Our team provides you with local resources, expertise, and proven approach to develop and deliver efficient and effective project results when you need them most.

Proven and Long-standing Service: We have served Southwest Florida from our Fort Myers and, more recently, our Sarasota offices for 38 years. Our local presence has allowed us to improve the community where we live and work. We have successfully completed or have currently ongoing 23 projects for NPU since December 2016. Our multi-disciplinary teams have assisted the cities of Cape Coral, Fort Myers, Punta Gorda, Marco Island, and Lee and Collier Counties, among others. Projects under these contracts have included all the categories and scope items listed within the City’s Request for Proposal (RFP).

Trusted Advisor and Active Listener: As outlined in the scope of services for this RFP and based on communications we have had with City staff over the past years as your partner, we understand the services you need us to provide on an as assigned basis may include, but are not limited to, general consultation/miscellaneous meetings/ monthly informational meetings, preparation of permit renewals and other regulatory submittals, value engineering, analyze, evaluate, review and make recommendation for revisions concerning studies, reports, agreements, designs, operation and maintenance procedures and proposed construction improvements, provide financial assistance and guidance for grants and other funding sources, assist the City before Federal and State regulatory agencies, including, but not limited to, EPA, Florida DEP, Florida Department of Health and Water Management Districts. Work may also include providing technical assistance with agreements/negotiations, providing survey, design and construction management of City utility expansion, modification, and repair projects as directed and authorized. Additional work such as complete environmental assessment services as required, assist with planning for new development and review of new development design plans, complete updates to the water and/or wastewater hydraulic model and system expansion evaluations, coordination with engineers/consultants for the Utilities Department as may be required, and providing support for emergency circumstances, mechanical, electrical and plumbing (MEP) design and construction management, and prepare, assemble, and present reports and/or project construction plans and specifications to the City.



A Management Team Proven to Deliver Your Projects on Schedule and Within Budget: We are an industry leader in providing as-needed service contracts with municipalities seeking broad-based consulting expertise, providing our clients with national expertise at the local level. **Patrick Victor, PE, DWRE** will continue to serve as your client manager, and **Justin Saarinen, GISP** as your client service leader, together they will guide the team in listening to and working with the City's staff. We are also providing a proven project manager in **Mark Sunyak, PE, PMP**, who has served as project/task manager and engineer-of-record for over 100 projects in his 35+ years of experience. He will manage and facilitate project activities and staff resources and will be directly responsible for maintaining the project budget and schedule, subconsultant coordination, quality assurance, and deliverable production.

Additional and Innovative Services We Offer: CDM Smith has extensive experience in providing owner's representation, program and asset management, Skywave, and Trinnex. They support clients through every phase of their projects, from planning and managing complex capital programs to overseeing construction and improving business processes. With over \$30 billion in program management work overseen in the past five years, CDM Smith ensures a clear and consistent approach to program startup and implementation.

In terms of asset management, CDM Smith's subsidiary, Trinnex, supports clients with asset performance, capital planning, and digital twin design. Trinnex provides rich insights that enable decision-making during operations, helping clients achieve digital-first resiliency. Their software-as-a-service solutions tackle challenges in infrastructure, such as sewer overflows, lead pipes, and storm events.

Skywave focuses on innovative approaches to environmental challenges. Leveraging CDM Smith's expertise in green design, life cycle cost analysis, and resource conservation, Skywave creates sustainable and resilient projects. By integrating these services, CDM Smith offers clients a comprehensive suite of capabilities that enhance project outcomes and support long-term sustainability and resilience.

By providing these additional services, CDM Smith offers clients a comprehensive suite of capabilities that enhance project outcomes. The integration of program management, asset management, and innovative solutions like Skywave and Trinnex ensures that clients receive tailored and effective solutions that address their unique needs and challenges. This holistic approach not only improves project efficiency and effectiveness but also supports long-term sustainability and resilience.

This Statement of Qualifications highlights our in-house team of diverse professionals and firm's experience in the areas outlined in your scope of services. **CDM Smith is committed to performing all the services and discipline areas on an as-needed basis and has provided all the materials and enclosures required and denoted in the RFP.**

I, Justin Saarinen, am authorized to negotiate and bind CDM Smith for the services included in this RFP. On behalf of the CDM Smith team, we thank you for the opportunity to present our qualifications and appreciate your consideration of our submittal. Please contact me at 941.780.7028 or by email at saarinenja@cdmsmith.com should you have any questions regarding our qualifications.

Sincerely,

Justin Saarinen, GISP
CDM Smith Inc. | Principal



Tab 2 Qualifications of the Consultant Firm



Qualifications of the Consultant Firm

Minimum Qualification Requirements

Brief Overview of Firm History and Organization

Established in 1947, CDM Smith is a consulting engineering firm delivering exceptional service to public and private clients worldwide. We are an employee owned corporation with a multidisciplinary staff of more than 6,500 in more than 125 offices worldwide. CDM Smith maintains the size, stability, and resources required to successfully undertake a diverse range of projects.

Experience Providing Professional Utility Engineering Services

CDM Smith is an industry leader offering nearly 50 years of engineering experience in Florida alone, providing as-needed service contracts with municipalities seeking broad-based consulting expertise, providing clients with national expertise at the local level. We have extensive experience with the assessment, planning, design, bidding, and construction of complex water treatment, wastewater collection system, water transmission improvements, utilities, and environmental projects throughout Florida. We offer the City a team with the technical expertise of a global firm and the local experience to service this contract. This project will be managed out of our local office in Sarasota. CDM Smith meets the minimum requirements as listed in the RFP.

➤ **Legal Contracting Name:**
CDM Smith Inc.

State of Incorporation:
Boston, Massachusetts

Ownership Structure:
Employee-owned Corporation

Federal Employer Identification Number (FEIN): 04-2473650

State of Florida Division of Corporation Document No.: 832235 (Tab 9 includes copy of Proof)

Evidence of Required Licenses

Licensee

Name:	CDM SMITH INC.	License Number:	20
Rank:	Registry	License Expiration Date:	
Primary Status:	Current	Original License Date:	05/10/1977

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
23969	Current, Active	PUJALS, VICTOR JOSE	Registry	02/10/2011	Professional Engineer	02/28/2027

Page 1 of 1

Licensee

Name:	CDM SMITH INC.	License Number:	20
Rank:	Geology Business Information	License Expiration Date:	
Primary Status:	Current	Original License Date:	03/19/2003

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
PG1860	Current, Active	ANDERSON, DAVID L DBA-CDM SMITH INC.	Professional Geologist	03/10/2003	Professional Geologist	07/31/2026

Licensee

Name:	CDM SMITH INC	License Number:	20
Rank:	Architect Business Information	License Expiration Date:	
Primary Status:	Current	Original License Date:	01/25/1996
Secondary Status:	Active		

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
AR92055	Current, Active	ALFORD, MICHAEL TODD DBA-CDM SMITH INC	Responsibility Supervisor	01/27/2012	Architect	02/28/2027
AR92055	Current, Active	ALFORD, MICHAEL TODD DBA-CDM SMITH INC	Qualifying Architect	01/27/2012	Architect	02/28/2027

Client Manager

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

VICTOR, PATRICK RUDY
1105 RIVER BIRCH ROAD
JACKSONVILLE, FL 32259-8970

LICENSE NUMBER: PE50112
EXPIRATION DATE: FEBRUARY 28, 2027

Always verify licenses online at MyFloridaLicense.com

Professional Geologist

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

MAGENHEIMER, STEWART JACOB
6510 SW 13 ST
PLANTATION, FL 33317

LICENSE NUMBER: PG1168
EXPIRATION DATE: JULY 31, 2026

Always verify licenses online at MyFloridaLicense.com

ISSUED: 06/13/2024

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Other Florida Licensed Engineers

KARMASIN, BRIAN M.
301 SOUTH HALL LANE
SUITE 200
MAITLAND, FL 32751
LICENSE NUMBER: PE39981
EXPIRATION DATE: FEBRUARY 28, 2027

TRZINSKI, MATTHEW C.
16443 IVY LAKE DRIVE
ORLANDO, FL 32835
LICENSE NUMBER: PE39978
EXPIRATION DATE: FEBRUARY 28, 2027

AREVALO MORALES, JORGE MIGUEL
724 LINDALEN AVE
APOFIA, FL 32712
LICENSE NUMBER: PE37902
EXPIRATION DATE: FEBRUARY 28, 2027

HOWELL, ISAAC DAVID
1614 W. BETH STREET
CAPE CORAL, FL 33991
LICENSE NUMBER: PE34413
EXPIRATION DATE: FEBRUARY 28, 2027

TAPPAN, CLAY M.
2851 LOCKWOOD HILLS AVE
ORLANDO, FL 32834
LICENSE NUMBER: PE34772
EXPIRATION DATE: FEBRUARY 28, 2027

WISEMAN, LEE PETER
1001 BOY SCOUT BLVD
LONGWOOD, FL 32750-6206
LICENSE NUMBER: PE34448
EXPIRATION DATE: FEBRUARY 28, 2027

FRIZZELL, CARL SPENCER
1100 HARRISON STREET
SUITE 300
KNOXVILLE, TN 37909
LICENSE NUMBER: PE37973
EXPIRATION DATE: FEBRUARY 28, 2027

STELLMACK, CYNTHIA L.
501 SOUTH HALL LANE
SUITE 200
MAITLAND, FL 32751
LICENSE NUMBER: PE37972
EXPIRATION DATE: FEBRUARY 28, 2027

WHITESIDE, STEPHEN LONG
CDM SMITH
SANDCREEKWOOD VILLAGE, SUITE 400
RALEIGH, NC 27612
LICENSE NUMBER: PE35002
EXPIRATION DATE: FEBRUARY 28, 2027

FRANCONFORTE, KEVIN M.
101 SOUTH HALL LANE, SUITE 200
SUITE 200
MAITLAND, FL 32751
LICENSE NUMBER: PE37944
EXPIRATION DATE: FEBRUARY 28, 2027

RUDAJEV, DOMINIQUE HELENE
3015 PRESIDENT AVENUE
APT 119
TAMPA, FL 33606
LICENSE NUMBER: PE34929
EXPIRATION DATE: FEBRUARY 28, 2027

HERNANDEZ, YARIBELL
3721 SUNNYSIDE COURT
LONGWOOD, FL 32779
LICENSE NUMBER: PE39563
EXPIRATION DATE: FEBRUARY 28, 2027

ONLINE SERVICES LICENSE DETAILS
2:04:01 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: DONIAK, MARK J (Primary Name)
Main Address: CDM SMITH, INC
910 FORUM CORPORATE PARKWAY
SUITE 228
FORT MYERS FLORIDA 33995
LEE
County: LEE
License Mailing: 1001 BOY SCOUT BLVD
BARLER, FL 33607
COLLIER
County: COLLIER

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: Prof Engineer
License Number: 64912005
Status: Current/Active
License Date: 02/28/2017
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:07:28 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: APPLE, ALEXANDRA JANET (Primary Name)
Main Address: 402 E FOREST AVE
TAMPA, Florida 33602
HILLSBOROUGH
County: HILLSBOROUGH

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: PE3985
License Number: 64912005
Status: Current/Active
License Date: 08/24/2014
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:18:14 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: BENAMIN, JOSHUA ALEXANDER (Primary Name)
Main Address: 601 W BOY SCOUT BLVD
SUITE 410
TAMPA, Florida 33607
HILLSBOROUGH
County: HILLSBOROUGH

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: 6722
License Number: 64912005
Status: Current/Active
License Date: 01/28/2017
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:18:17 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: STROHMEIER, MARK C. (Primary Name)
Main Address: 1481 BAYSHORE DRIVE
SUITE 100
BARABO SA, FLORIDA 34432
BARABO SA
County: LEE
License Location: 9168 FORUM CORPORATE HWY
SUITE 228
FORT MYERS FL 33966
LEE
County: LEE

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: Prof Engineer
License Number: 68884
Status: Current/Active
License Date: 11/15/2006
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:28:40 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: PANGASA, YVONNE (Primary Name)
Main Address: 12522 BOYCE WINTERBORG CIRCLE
TAMPA, Florida 33628
HILLSBOROUGH
County: HILLSBOROUGH

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: 9273
License Number: 62181988
Status: Current/Active
License Date: 02/28/2017
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:35:00 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: GRAHAM, MICHAEL JOHN (Primary Name)
Main Address: 4001 W BOY SCOUT BLVD
SUITE 400
TAMPA, Florida 33607
HILLSBOROUGH
County: HILLSBOROUGH

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: Prof Engineer
License Number: 68884
Status: Current/Active
License Date: 02/28/2017
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:42:02 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: SOLLOS, CLARENCE ELIZABETH (Primary Name)
Main Address: 4088 HENDRICK ROAD
ORLANDO Florida 32814
ORANGE
County: ORANGE

ARCHITECT
License Type: Architect
Rank: AB0719
License Number: 61115213
Status: Current/Active
License Date: 02/28/2017
Expires: 02/28/2027

ONLINE SERVICES LICENSE DETAILS
2:47:21 PM 3/27/2022

APPLY FOR A LICENSE
Verify a License
View Feed & Logging Inquiries
File a Complaint
Continuing Education Course Search
View Application Status
Feed Exam Information
Unlicensed Activity Search
ABET Disputant Invoice & Activity Lit Search

LICENSE INFORMATION
Name: MONTGOMERY, KEVIN CRAIG (Primary Name)
Main Address: 4001 W BOY SCOUT BLVD
SUITE 400
TAMPA, Florida 33607-0600
HILLSBOROUGH
County: HILLSBOROUGH

PROFESSIONAL ENGINEER
License Type: Professional Engineer
Rank: Prof Engineer
License Number: 682519
Status: Current/Active
License Date: 08/11/1982
Expires: 02/28/2027

A. CONTRACT INFORMATION		
1. TITLE AND LOCATION (City and State)		
Professional Utility Engineering Services, City of North Port, FL		
2. PUBLIC NOTICE DATE		3. SOLICITATION OR PROJECT NUMBER:
January 31, 2025		2025-12
B. ARCHITECT-ENGINEER POINT OF CONTACT		
4. NAME AND TITLE		
Justin Saarinen, GISP; Principal		
5. NAME OF FIRM		
CDM Smith Inc.		
6. TELEPHONE NUMBER	7. FAX NUMBER	8. E-MAIL ADDRESS
941-780-7028	N/A	saarinenja@cdmsmith.com

C. PROPOSED TEAM (COMPLETE THIS SECTION FOR THE PRIME CONTRACTOR AND ALL KEY SUBCONTRACTORS.)						
	PRIME	J-V PARTNER	SUBCONTRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	✓			CDM Smith - Sarasota <input type="checkbox"/> CHECK IF BRANCH OFFICE	410 N. Cattlemen Rd, Suite 110 Sarasota, FL 34232	Prime Consultant
b.	✓			CDM Smith - Fort Myers <input type="checkbox"/> CHECK IF BRANCH OFFICE	4210 Metro Parkway, Suite 230 Fort Myers, FL 33916	Engineering Support
c.	✓			CDM Smith - Tampa, FL <input type="checkbox"/> CHECK IF BRANCH OFFICE	4010 Boy Scout Boulevard, Suite 450 Tampa, FL 33607	Engineering Support
d.	✓			CDM Smith - Maitland, FL <input type="checkbox"/> CHECK IF BRANCH OFFICE	101 Southhall Lane, Suite 200 Maitland, FL 32751	Engineering Support
e.	✓			CDM Smith - Jacksonville, FL <input type="checkbox"/> CHECK IF BRANCH OFFICE CHECK	4651 Salisbury Rd., Suite 420 Jacksonville, FL 32256	Engineering Support
f.	✓			CDM Smith - Boca Raton, FL <input type="checkbox"/> CHECK IF BRANCH OFFICE CHECK	621 N.W. 53rd Street, Suite 265, Boca Raton, FL 33487	Engineering Support
g.	✓			CDM Smith - Atlanta, GA <input type="checkbox"/> CHECK IF BRANCH OFFICE CHECK	2100 Riveredge Parkway, Suite 1250, Atlanta, GA 30328	Engineering Support
h.	✓			CDM Smith - Raleigh, NC <input type="checkbox"/> CHECK IF BRANCH OFFICE CHECK	5400 Glenwood Avenue, Suite 400, Raleigh, NC 27612	Engineering Support
i.	✓			CDM Smith - Knoxville, TN <input type="checkbox"/> CHECK IF BRANCH OFFICE CHECK	1100 Marion Street, Suite 300, Knoxville, TN 37921	Engineering Support
j.	✓			CDM Smith - Rancho Cucamonga, CA <input type="checkbox"/> CHECK IF BRANCH OFFICE	9220 Cleveland Avenue, Suite 100, Rancho Cucamonga, CA 91730	Engineering Support
k.	✓			CDM Smith - Helena, MT <input type="checkbox"/> CHECK IF BRANCH OFFICE	560 North Park Avenue, Suite 300, Helena, MT 59601	Engineering Support
l.	✓			CDM Smith - Dallas, TX <input type="checkbox"/> CHECK IF BRANCH OFFICE	12400 Coit Road, Suite 400, Dallas, TX 75251	Engineering Support

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
401 N. Cattlemen Rd., Suite 110			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Sarasota	FL	34232	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:		8B. YR. ESTABLISHED
941-780-7028		saarinenja@cdmsmith.com		1947
8. FORMER FIRM NAME(S) (if any)		8C. UNIQUE ENTITY IDENTIFIER		
Camp Dresser & McKee; Camp Dresser & McKee Inc.		SK8BJTEP5KB3		

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	-	C15	Construction Management	10
12	Civil Engineer	632	1	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	-	E03	Electrical Studies and Design	8
15	Construction Inspector	361	11	E09	Environmental Impact Studies	8
16	Construction Manager	211	-	E12	Environmental Remediation	10
18	Cost Estimator	62	-	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	270	-	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	923	3	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	272	-	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	149	2	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	218	-	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	170	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	129	-	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	150	-	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	103	-	S09	Structural Design; Special Structures	8
47	Planner	261	2	S11	Sustainable Design	8
57	Structural Engineer	208	-	S13	Storm Water Handling & Facilities	9
58	Technician	513	-	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	2	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	4	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	25	W03	Water Supply; Treatment and Distribution	10

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
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE		B. DATE	C. NAME AND TITLE
		April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President



Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
9160 Forum Corporate Parkway., Suite 230			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Fort Myers	FL	33905	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:	6C. E-MAIL ADDRESS:		8B. YR. ESTABLISHED	8C. UNIQUE ENTITY IDENTIFIER
941-780-7028	saarinenja@cdmsmith.com		1947	SK8BJTEP5KB3
8. FORMER FIRM NAME(S) (if any)				
Camp Dresser & McKee; Camp Dresser & McKee Inc.				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	-	C15	Construction Management	10
12	Civil Engineer	632	2	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	-	E03	Electrical Studies and Design	8
15	Construction Inspector	361	2	E09	Environmental Impact Studies	8
16	Construction Manager	211	2	E12	Environmental Remediation	10
18	Cost Estimator	62	-	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	270	-	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	923	5	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	272	-	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	149	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	218	-	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	170	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	129	-	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	150	1	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	103	-	S09	Structural Design; Special Structures	8
47	Planner	261	-	S11	Sustainable Design	8
57	Structural Engineer	208	1	S13	Storm Water Handling & Facilities	9
58	Technician	513	1	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	-	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	3	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	17	W03	Water Supply; Treatment and Distribution	10

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
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.		
A. SIGNATURE	B. DATE	C. NAME AND TITLE
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
4010 Boy Scout Blvd., Suite 450			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Tampa	FL	33607	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:	8B. YR. ESTABLISHED	8C. UNIQUE ENTITY IDENTIFIER
941-780-7028		saarinenja@cdmsmith.com	1947	SK8BJTEP5KB3
8. FORMER FIRM NAME(S) (if any)				
Camp Dresser & McKee; Camp Dresser & McKee Inc.				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	2	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	-	C15	Construction Management	10
12	Civil Engineer	632	6	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	1	E03	Electrical Studies and Design	8
15	Construction Inspector	292	1	E09	Environmental Impact Studies	8
16	Construction Manager	361	2	E12	Environmental Remediation	10
18	Cost Estimator	211	3	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	4	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	20	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	2	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	2	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	2	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	1	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	-	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	3	S09	Structural Design; Special Structures	8
47	Planner	103	3	S11	Sustainable Design	8
57	Structural Engineer	208	2	S13	Storm Water Handling & Facilities	9
58	Technician	513	3	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	2	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	11	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	70	W03	Water Supply; Treatment and Distribution	10

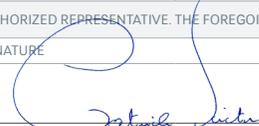
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. FEDERAL WORK	10	1. Less than \$100,000	6. \$2 million to less than \$5 million		
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million		
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million		
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.					
A. SIGNATURE		B. DATE	C. NAME AND TITLE		
		April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President		

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
101 Southhall Lane, Suite 200			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Maitland	FL	32751	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:		8B. YR. ESTABLISHED
941-780-7028		saarinenja@cdmsmith.com		1947
8. FORMER FIRM NAME(S) (if any)			8C. UNIQUE ENTITY IDENTIFIER	
Camp Dresser & McKee; Camp Dresser & McKee Inc.			SK8BJTEP5KB3	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	6	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	7	C15	Construction Management	10
12	Civil Engineer	632	4	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	8	E03	Electrical Studies and Design	8
15	Construction Inspector	292	23	E09	Environmental Impact Studies	8
16	Construction Manager	361	11	E12	Environmental Remediation	10
18	Cost Estimator	211	7	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	19	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	11	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	4	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	3	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	1	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	7	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	6	S09	Structural Design; Special Structures	8
47	Planner	103	7	S11	Sustainable Design	8
57	Structural Engineer	208	7	S13	Storm Water Handling & Facilities	9
58	Technician	513	8	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	10	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	35	W02	Water Resources; Hydrology; Groundwater	10
Total		6,763	184	W03	Water Supply; Treatment and Distribution	10

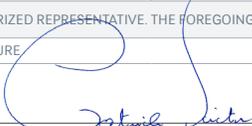
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. FEDERAL WORK	10	1. Less than \$100,000		6. \$2 million to less than \$5 million	
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million	
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million	
		4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million	
		5. \$1 million to less than \$2 million		10. \$50 million or greater	
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.					
A. SIGNATURE		B. DATE		C. NAME AND TITLE	
		April 4, 2025		Patrick Victor, PE, DWRE; Senior Vice President	

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
4651 Salisbury Rd., Suite 420			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Jacksonville	FL	32256	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:	8B. YR. ESTABLISHED	8C. UNIQUE ENTITY IDENTIFIER
941-780-7028		saarinenja@cdmsmith.com	1947	SK8BJTEP5KB3
8. FORMER FIRM NAME(S) (if any)				
Camp Dresser & McKee; Camp Dresser & McKee Inc.				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	-	C15	Construction Management	10
12	Civil Engineer	632	4	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	-	E03	Electrical Studies and Design	8
15	Construction Inspector	292	10	E09	Environmental Impact Studies	8
16	Construction Manager	361	5	E12	Environmental Remediation	10
18	Cost Estimator	211	-	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	-	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	9	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	2	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	4	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	2	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	3	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	1	S09	Structural Design; Special Structures	8
47	Planner	103	-	S11	Sustainable Design	8
57	Structural Engineer	208	-	S13	Storm Water Handling & Facilities	9
58	Technician	513	3	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	2	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	6	W02	Water Resources; Hydrology; Groundwater	10
Total		6,763	51	W03	Water Supply; Treatment and Distribution	10

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	
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million	
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million	
		4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million	
		5. \$1 million to less than \$2 million		10. \$50 million or greater	
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.					
A. SIGNATURE		B. DATE	C. NAME AND TITLE		
		April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President		

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
621 NW 53rd Steet, Suite 265			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Boca Raton	FL	33487	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:		8B. YR. ESTABLISHED
941-780-7028		saarinenja@cdmsmith.com		1947
8. FORMER FIRM NAME(S) (if any)			8C. UNIQUE ENTITY IDENTIFIER	
Camp Dresser & McKee; Camp Dresser & McKee Inc.			SK8BJTEP5KB3	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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 <small>(See Below)</small>
		(1) FIRM	(2) BRANCH			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	-	C15	Construction Management	10
12	Civil Engineer	632	1	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	1	E03	Electrical Studies and Design	8
15	Construction Inspector	292	4	E09	Environmental Impact Studies	8
16	Construction Manager	361	7	E12	Environmental Remediation	10
18	Cost Estimator	211	1	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	2	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	7	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	1	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	3	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	1	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	1	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	4	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	-	S09	Structural Design; Special Structures	8
47	Planner	103	-	S11	Sustainable Design	8
57	Structural Engineer	208	-	S13	Storm Water Handling & Facilities	9
58	Technician	513	1	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	-	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	7	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	41	W03	Water Supply; Treatment and Distribution	10

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
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.		
A. SIGNATURE	B. DATE	C. NAME AND TITLE
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
2100 Riveredge Parkway, Suite 1250			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Atlanta	GA	30328	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:		BB. YR. ESTABLISHED
941-780-7028		saarinenja@cdmsmith.com		1975
8. FORMER FIRM NAME(S) (if any)			8C. UNIQUE ENTITY IDENTIFIER	
Camp Dresser & McKee; Camp Dresser & McKee Inc.			SK8BJTEP5KB3	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	1	C15	Construction Management	10
12	Civil Engineer	632	1	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	4	E03	Electrical Studies and Design	8
15	Construction Inspector	292	4	E09	Environmental Impact Studies	8
16	Construction Manager	361	1	E12	Environmental Remediation	10
18	Cost Estimator	211	-	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	5	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	12	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	2	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	1	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	1	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	1	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	4	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	1	S09	Structural Design; Special Structures	8
47	Planner	103	6	S11	Sustainable Design	8
57	Structural Engineer	208	-	S13	Storm Water Handling & Facilities	9
58	Technician	513	4	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	5	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	9	W02	Water Resources; Hydrology; Groundwater	10
Total		6,763	62	W03	Water Supply; Treatment and Distribution	10

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 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
b. NON-FEDERAL WORK	10		
c. TOTAL WORK	10		
12. AUTHORIZED REPRESENTATIVE: THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE	B. DATE	C. NAME AND TITLE	
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President	

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
5400 Glenwood Avenue, Suite 400			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Raleigh	NC	27612	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:		BB. YR. ESTABLISHED
941-780-7028		saarinenja@cdmsmith.com		1979
8. FORMER FIRM NAME(S) (if any)			8C. UNIQUE ENTITY IDENTIFIER	
Camp Dresser & McKee; Camp Dresser & McKee Inc.			SK8BJTEP5KB3	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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 <small>(See Below)</small>
		(1) FIRM	(2) BRANCH			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	2	C15	Construction Management	10
12	Civil Engineer	632	9	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	4	E03	Electrical Studies and Design	8
15	Construction Inspector	292	2	E09	Environmental Impact Studies	8
16	Construction Manager	361	6	E12	Environmental Remediation	10
18	Cost Estimator	211	1	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	9	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	30	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	3	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	6	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	5	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	6	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	3	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	3	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	2	S09	Structural Design; Special Structures	8
47	Planner	103	-	S11	Sustainable Design	8
57	Structural Engineer	208	8	S13	Storm Water Handling & Facilities	9
58	Technician	513	4	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	6	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	16	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	125	W03	Water Supply; Treatment and Distribution	10

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 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
b. NON-FEDERAL WORK	10		
c. TOTAL WORK	10		
12. AUTHORIZED REPRESENTATIVE: THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE	B. DATE	C. NAME AND TITLE	
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President	

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
1100 Marion Street, Suite 300			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Knoxville	TN	37921	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:	8B. YR. ESTABLISHED	8C. UNIQUE ENTITY IDENTIFIER
941-780-7028		saarinenja@cdmsmith.com	1969	SK8BJTEP5KB3
8. FORMER FIRM NAME(S) (if any)				
Camp Dresser & McKee; Camp Dresser & McKee Inc.				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	7	C15	Construction Management	10
12	Civil Engineer	632	5	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	2	E03	Electrical Studies and Design	8
15	Construction Inspector	292	15	E09	Environmental Impact Studies	8
16	Construction Manager	361	-	E12	Environmental Remediation	10
18	Cost Estimator	211	1	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	-	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	7	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	2	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	-	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	2	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	-	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	-	S09	Structural Design; Special Structures	8
47	Planner	103	2	S11	Sustainable Design	8
57	Structural Engineer	208	4	S13	Storm Water Handling & Facilities	9
58	Technician	513	5	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	17	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	8	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	77	W03	Water Supply; Treatment and Distribution	10

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
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE	B. DATE	C. NAME AND TITLE	
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President	

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
9220 Cleveland Avenue, Suite 100			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Rancho Cucamonga	CA	91730	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:	6C. E-MAIL ADDRESS:		BB. YR. ESTABLISHED	BC. UNIQUE ENTITY IDENTIFIER
941-780-7028	saarinenja@cdmsmith.com		2006	SK8BJTEP5KB3
8. FORMER FIRM NAME(S) (if any)				
Camp Dresser & McKee; Camp Dresser & McKee Inc.				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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 <small>(See Below)</small>
		(1) FIRM	(2) BRANCH			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	2	C15	Construction Management	10
12	Civil Engineer	632	-	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	2	E03	Electrical Studies and Design	8
15	Construction Inspector	292	-	E09	Environmental Impact Studies	8
16	Construction Manager	361	13	E12	Environmental Remediation	10
18	Cost Estimator	211	6	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	5	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	3	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	2	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	-	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	-	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	-	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	-	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	1	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	-	S09	Structural Design; Special Structures	8
47	Planner	103	-	S11	Sustainable Design	8
57	Structural Engineer	208	-	S13	Storm Water Handling & Facilities	9
58	Technician	513	16	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	-	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	32	W02	Water Resources; Hydrology; Groundwater	10
Total		6,763	82	W03	Water Supply; Treatment and Distribution	10

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 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
b. NON-FEDERAL WORK	10		
c. TOTAL WORK	10		
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE	B. DATE	C. NAME AND TITLE	
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President	

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
560 North Park Avenue, Suite 300			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Helena	MT	59601	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:	8B. YR. ESTABLISHED	8C. UNIQUE ENTITY IDENTIFIER
941-780-7028		saarinenja@cdmsmith.com	1988	SK8BJTEP5KB3
8. FORMER FIRM NAME(S) (if any)				
Camp Dresser & McKee; Camp Dresser & McKee Inc.				

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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 <small>(See Below)</small>
		(1) FIRM	(2) BRANCH			
06	Architect	74	-	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	-	C15	Construction Management	10
12	Civil Engineer	632	5	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	1	E03	Electrical Studies and Design	8
15	Construction Inspector	292	-	E09	Environmental Impact Studies	8
16	Construction Manager	361	1	E12	Environmental Remediation	10
18	Cost Estimator	211	1	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	-	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	14	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	5	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	1	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	8	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	2	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	4	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	1	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	-	S09	Structural Design; Special Structures	8
47	Planner	103	1	S11	Sustainable Design	8
57	Structural Engineer	208	-	S13	Storm Water Handling & Facilities	9
58	Technician	513	4	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	3	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	2	W02	Water Resources; Hydrology; Groundwater	10
Total		6,763	53	W03	Water Supply; Treatment and Distribution	10

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
b. NON-FEDERAL WORK	10	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. TOTAL WORK	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater
12. AUTHORIZED REPRESENTATIVE. THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE	B. DATE	C. NAME AND TITLE	
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President	

Architect-Engineer Qualifications

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)			1. SOLICITATION NUMBER (if any):	
2A. FIRM (OR BRANCH OFFICE) NAME			2025-12	
CDM Smith Inc.			3. YEAR ESTABLISHED	4. UNIQUE ENTITY IDENTIFIER
2B. STREET			1947	SK8BJTEP5KB3
12400 Coit Road, Suite 400			5. OWNERSHIP	
2C. CITY	2D. STATE	2E. ZIP	A. TYPE	B. SMALL BUSINESS STATUS:
Dallas	TX	75251	Corporation	Large Business
6A. POINT OF CONTACT NAME AND TITLE			7. NAME OF FIRM (if block 2a is a branch office)	
Justin Saarinen, GISP; Principal			CDM Smith Inc.	
6B. TELEPHONE NUMBER:		6C. E-MAIL ADDRESS:		8B. YR. ESTABLISHED
941-780-7028		saarinenja@cdmsmith.com		1978
8. FORMER FIRM NAME(S) (if any)			8C. UNIQUE ENTITY IDENTIFIER	
Camp Dresser & McKee; Camp Dresser & McKee Inc.			SK8BJTEP5KB3	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRMS 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			
06	Architect	74	5	A12	Automation; Controls; Instrumentation	8
08	CADD Technician	278	5	C15	Construction Management	10
12	Civil Engineer	632	6	C18	Cost Estimating; Cost Engineering	6
14	Computer Programmer	292	2	E03	Electrical Studies and Design	8
15	Construction Inspector	292	1	E09	Environmental Impact Studies	8
16	Construction Manager	361	7	E12	Environmental Remediation	10
18	Cost Estimator	211	3	E13	Environmental Testing and Analysis	8
21	Electrical Engineer	62	14	H07	Highways; Streets; Airfield Paving; Parking Lots	9
23	Environmental Engineer	270	17	P06	Planning (Site, Installation, and Project)	9
24	Environmental Scientist	923	1	P07	Plumbing & Piping Design	9
29	Geographic Information System Specialist	272	3	R06	Rehabilitation (Buildings; Structures; Facilities)	10
30	Geologist	149	-	R11	Rivers; Canals; Waterways; Flood Control	7
27	Geotechnical Engineer	218	5	S04	Sewage Collection, Treatment and Disposal	10
32	Hydraulic Engineer	170	3	S05	Soils & Geologic Studies; Foundations	9
34	Hydrologist	129	4	S07	Solid Wastes; Incineration; Landfill	8
42	Mechanical Engineer	150	8	S09	Structural Design; Special Structures	8
47	Planner	103	8	S11	Sustainable Design	8
57	Structural Engineer	208	11	S13	Storm Water Handling & Facilities	9
58	Technician	513	2	T03	Traffic & Transportation Engineering	8
60	Transportation Engineer	226	4	U04	Utility Design/Coordination/Inspection	9
	Other	1,261	13	W02	Water Resources; Hydrology; Groundwater	10
	Total	6,763	122	W03	Water Supply; Treatment and Distribution	10

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 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million	6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater
b. NON-FEDERAL WORK	10		
c. TOTAL WORK	10		
12. AUTHORIZED REPRESENTATIVE: THE FOREGOING IS A STATEMENT OF FACTS.			
A. SIGNATURE	B. DATE	C. NAME AND TITLE	
	April 4, 2025	Patrick Victor, PE, DWRE; Senior Vice President	



Tab 3
Qualifications of the
Project Team/Project
Manager Experience



Qualifications of the Project Team/Project Manager

Specific Professional Services to be Offered

We have assembled a pool of exceptional professional resources to properly provide services required under this contract. As shown below, our proposed team contains all the critical disciplines required to complete this multidisciplinary contract. CDM Smith has exceptional professional resources to properly provide services required under this contract. CDM Smith will can provide the following engineering and engineering support services for the City:

1		Wastewater and Reclaimed Water Treatment	11		Stormwater	21		Financial/Loan Support
2		Pipeline/Infrastructure Rehabilitation	12		Solid Waste	22		Asset Management
3		Sewer Collection Systems	13		Electrical	23		Owner's Advisor
4		Laboratory and Testing	14		SCADA/Programming and I&C	24		Cost Estimating
5		Hydraulics/Modeling	15		Structural/Architectural	25		Construction Engineering Inspection
6		Pump Stations	16		Geotechnical	26		Startup Support
7		Potable Water Treatment	17		HVAC/Mechanical and Odor	27		Survey and SUE
8		Hydrogeology	18		Sustainability/Resiliency	28		Cross Discipline Support Services
9		Planning and Study Services	19		Public Outreach	29		Geology, Biology, and Ecology
10		Site, Civil, and Landscape Architecture	20		Permitting	30		Funding and Grant Reporting Assistance

Summary of Key Personnel

Patrick Victor, PE, DWRE | Client Manager

Education: ME - Engineering; BS - Agricultural Engineering; **Registration:** Professional Engineer (PE) – FL, Diplomat -Water Resources Engineer (DWRE); **Years of Relevant/Comparable Experience:** 35

Justin Saarinen, GISP | Client Service Leader

Education: MS – Geography; BS – Geography; **Certification:** GIS Professional; **Years of Relevant/Comparable Experience:** 23

Mark Sunyak, PE, PMP | Project Manager

Education: M - Public Administration; BS - Civil Engineering **Registration:** Professional Engineer (PE) – FL **Certification:** Project Management Professional; **Years of Relevant/Comparable Experience:** 32

Brian Karmasin, PE, BCEE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems; Water, Wastewater, and Reclaimed Water Planning

Education: ME – Environmental Engineering, BS – Environmental Engineering; **Registration:** Professional Engineer – FL, TN; **Certification:** Board Certified Environmental Engineer (BCEE); **Years of Relevant/Comparable Experience:** 26

Matthew Trzcinski, PE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems

Education: BS – Engineering **Registration:** Professional Engineer – FL, TX; **Years of Relevant/Comparable Experience:** 30

Jorge Arevalo, PhD, PE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems

Education: PhD – Environmental Engineering; MS – Environmental Engineering; BS – Chemical Engineering **Registration:** Professional Engineer – FL; **Years of Relevant/Comparable Experience:** 18

Alexandra Apple, PE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems

Education: MS – Civil Engineering, BS – Civil Engineering **Registration:** Professional Engineer – FL, NC;
Years of Relevant/Comparable Experience: 13

Gregory Wetterau, PE, BCEE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems

Education: MS – Environmental Engineering; BS – Civil Engineering; BA – Liberal Arts
Registration: Professional Engineer – CA, WA, OR; **Certification:** Board Certified Environmental Engineer (BCEE); **Years of Relevant/Comparable Experience:** 31

Travis Meyer, PE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems

Education: MS – Environmental Engineering, BS – Civil Engineering; **Registration:** Professional Engineer – MT, CO;
Years of Relevant/Comparable Experience: 32

Joshua Benjamin, PhD, PE | Water, Wastewater, Reclaimed Water Treatment, and Storage Systems

Education: PhD - Environmental Engineering; MS – Environmental Engineering; BS – Civil Engineering;
Registration: Professional Engineer – FL; **Years of Relevant/Comparable Experience:** 4

Isaac Holowell, PE | Water, Wastewater, and Reclaimed Water Conveyance Systems; Water, Wastewater, and Reclaimed Water Planning

Education: BS – Environmental Engineering; **Registration:** Professional Engineer – FL;
Years of Relevant/Comparable Experience: 13

Marc Stonehouse, PE, PMP | Water, Wastewater, and Reclaimed Water Conveyance Systems

Education: MSE – Environmental Engineering; BS – Engineering; **Registration:** Professional Engineer – FL, MI;
Certification: Project Management Professional; **Years of Relevant/Comparable Experience:** 27

Clay Tappan, PE, BCEE | Water, Wastewater, and Reclaimed Water Conveyance Systems

Education: MS – Engineering Management; BS – Environmental Engineering; **Registration:** Professional Engineer – FL; **Certification:** Board Certified Environmental Engineer (BCEE) **Years of Relevant/Comparable Experience:** 38

Lee Wiseman, PE, BCEE | Water, Wastewater, and Reclaimed Water Planning

Education: MS – Environmental Engineering; BS – Microbiology; **Registration:** Professional Engineer – FL
Certification: Board Certified Environmental Engineer (BCEE) **Years of Relevant/Comparable Experience:** 40

Carl Frizzell, PhD, PE | Water, Wastewater, and Reclaimed Water Planning

Education: PhD – Civil Engineering; MS – Civil Engineering; BS – Civil Engineering; **Registration:** Professional Engineer – FL, AL, GA, NC, MN, SC, TN; **Years of Relevant/Comparable Experience:** 20

Vipin Pangasa, PE, BCEE, PMP | Water, Wastewater, and Reclaimed Water Planning

Education: MS – Civil (Environmental) Engineering; MS – Chemistry; BE – Civil Engineering;
Registration: Professional Engineer – FL; **Certification:** Project Management Professional (PMP), Board Certified Environmental Engineer (BCEE); **Years of Relevant/Comparable Experience:** 34

Michael Graham, PE | Electrical and Instrumentation/Controls

Education: BS – Mechanical Engineering **Registration:** Professional Engineer – FL, TN, MN
Years of Relevant/Comparable Experience: 32

Cynthia Stellmack, PE | Electrical and Instrumentation/Controls

Education: BS – Electrical Engineering **Registration:** Professional Engineer – FL; **Years of Relevant/Comparable Experience:** 44

Daniel Pitts, PE | Geotechnical

Education: MCE – Geotechnical Engineering, BS – Civil Engineering; **Registration:** Professional Engineer – GA,
Years of Relevant/Comparable Experience: 14

Stephen Whiteside, PE | Geotechnical

Education: MS – Geotechnical Engineering, BS – Civil Engineering; **Registration:** Professional Engineer – FL, MA, NC, SC, VA, GA, AL, KY, LA, AR; **Years of Relevant/Comparable Experience:** 50

Samir Mathur, PE, BCEE | QA/QC - Technical Reviewer

Education: MS - Environmental Engineering, MS - Physics, BS - Mechanical Engineering; **Registration:** Professional Engineer – TX; **Certification:** Board Certified Environmental Engineer (BCEE); **Years of Relevant/Comparable Experience:** 33

Craig Montgomery, PE | QA/QC - Technical Reviewer

Education: ME – Environmental Engineering, BS – Environmental Engineering;
Registration: Professional Engineer – FL; **Years of Relevant/Comparable Experience:** 36

Stewart Magenheimer, PG, PMP | QA/QC - Technical Reviewer

Education: MS – Geology; MBA – Business Administration; BS – Geology; **Registration:** Professional Geologist – FL;
Certification: Project Management Professional (PMP); **Years of Relevant/Comparable Experience:** 40

Dominique Rudajev, PE, PMP | Stormwater/Civil Site

Education: BSCE – Civil Engineering; **Registration:** Professional Engineer – FL; **Certification:** Project Management Professional (PMP); **Years of Relevant/Comparable Experience:** 27

Clarice Sollog, AIA, LEED® AP BD+C | Architectural

Education: Master – Architecture; BS – Architectural Studies; **Registration:** Professional Architect – FL, SC, NC, GA, TN, AL, KY, VA, WA; **Certification:** National Council of Architectural Registration Boards (NCARB); Leadership in Energy and Environmental Design Accredited Professional – Building Design & Construction (LEED® AP BD+C); **Years of Relevant/Comparable Experience:** 22

Andrew Baranowski, GISP | Mapping, Survey, and SUE

Education: BA – General Studies **Certification:** Geographic Information Systems Professional Certification;
Years of Relevant/Comparable Experience: 31

Kevin Francoforte, PE | Structural

Education: MS – Structures and Foundations, BS – Mechanical Engineering; **Registration:** Professional Engineer – FL **Certification:** Confined Space Entry; **Years of Relevant/Comparable Experience:** 15

Diane Kemp | Financial Assistance

Education: BA – Economics and Accounting; **Years of Relevant/Comparable Experience:** 47

Elias Andraos, CEP, AACEI | Alternative Project Delivery and Cost Estimating

Education: BS – Civil Engineering; **Registration:** Professional Engineer – FL;
Years of Relevant/Comparable Experience: 27

Yaribel Hernandez, PE, DBIA | Alternative Project Delivery and Cost Estimating

Education: BS – Industrial Engineering; **Registration:** Professional Engineer – FL, NC, TN; **Certifications:** Designated Design-Build Professional, DBIA, Water & Sewer Lines/Water & Sewer Plants Contractor; **Years of Relevant/Comparable Experience:** 26

Meredith McElmurry | Program and Asset Management

Education: MBA - Management Concentration, BA - Political Science; **Certifications:** ISO 14001 Lead Auditor;
Years of Relevant/Comparable Experience: 21

Dewayne Wallace | Construction Administration

Education: BS – Environmental Engineering; **Years of Relevant/Comparable Experience:** 10

John Chandler | Construction Administration

Education: BA – Mathematics; **Years of Relevant/Comparable Experience:** 40

Brendan Brown, PWS | Environmental Wetlands and Protected Species

Education: MS – Biological Science; BS – Forest Environmental Resources;
Certification: Professional Wetland Scientist (PWS); **Years of Relevant/Comparable Experience:** 20

Travis Wagner, PE | Digital Services

Education: MS – Civil Engineering; BS – Environmental Engineering
Registration: Professional Engineer – NC; **Years of Relevant/Comparable Experience:** 22

Richard Newberg | Operations & Maintenance

Education: ME – Environmental Engineering; BS – Environmental Engineering
Registration: Professional Engineer – FL; **Years of Relevant/Comparable Experience:** 33

This table is a summary of all staff proposed and available. SF330 Section E Resumes were provided only for the key staff.



E SECTION

Resumes of Key Personnel Proposed for This Contract PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Patrick Victor, PE, DWRE		Client Manager		A. TOTAL	35
				B. WITH CURRENT FIRM	25
15. FIRM NAME AND LOCATION (<i>City and State</i>)					
CDM Smith Inc. - Jacksonville, FL					
16. EDUCATION (<i>degree and specialization</i>)			17. CURRENT PROFESSIONAL REGISTRATION (<i>state and discipline</i>)		
ME - Engineering; BS - Agricultural Engineering			PE - FL, Diplomate - Water Resources Engineer (DWRE)		
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>):					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	WTP Permitting, Design, and Services During Construction, City of St. Augustine, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			Ongoing	Ongoing
☑ PERFORMED WITH CDM SMITH					
<p>Officer-in-Charge. CDM Smith assisted the City of St. Augustine in expanding and upgrading their lime softening Water Treatment Plant (WTP) to provide a dual process plant that is rated at 4.5 million gallons per day (mgd) finished water capacity for lime softened water and a low pressure reverse osmosis (LPRO) membrane facility rated at 2 mgd. We modified the City's Consumptive Use Permit (CUP) to increase withdrawals from the upper floridan aquifer (UFA) and installed three new UFA wells to supply the new membrane facility. We completed National Pollutant Discharge Elimination System (NPDES) and Environmental Resource Permit (ERP) permitting activities for a new outfall from the WTP membrane facility to the San Sebastian River. Permitting activities included a field sampling program, biological studies, bioassay testing, mixing zone analysis, and diffuser design.</p>					
b.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Trail Ridge Landfill Expansion, City of Jacksonville, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			Ongoing	Ongoing
☑ PERFORMED WITH CDM SMITH					
<p>Officer-in-Charge. CDM Smith worked with the City of Jacksonville to expand its Trail Ridge Landfill (TRLF) by approximately 280 acres, extending the landfill life by an estimated 26 years. The planned expansion consists of nine additional phases (Phases 6 - 14) that are to be constructed as demand requires.</p>					
c.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Continuing Environmental Services Contract, Jacksonville Aviation Authority (JAA), FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			Ongoing	N/A
☑ PERFORMED WITH CDM SMITH					
<p>Officer-in-Charge. Since 2010, CDM Smith has been the general environmental consultant for JAA. Under this contract, our team has completed Phase I and Phase II Environmental Site Assessments (ESA) for land transactions, performed Environmental Baseline Assessments to screen planned redevelopment areas and other facilities for potential adverse environmental impacts, performed environmental compliance evaluations in support of Stormwater Pollution Prevention Program (SWPPP), prepared spill contingency plans and Spill Prevention, Control and Countermeasure plan updates, provided environmental permitting support, and provided general environmental consulting services and regulatory agency support with respect to environmental issues associated with overall JAA operations.</p>					
d.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	HEMA Road Dump Site and Remedial Action Plan (RAP), City of Jacksonville, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			Ongoing	N/A
☑ PERFORMED WITH CDM SMITH					
<p>Officer-in-Charge. Under a master services agreement, CDM Smith is conducting a site assessment in preparation for site closure at the 12-acre Hema Road Dump Site (Site). The tasks included are intended to meet objectives of a Site Assessment specified in Chapter 62-780.600(3), F.A.C. The assessment includes two major tasks, the waste characterization/soil assessment and the groundwater assessment.</p>					
e.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Arbennie Pritchett WRF Expansion, Okaloosa County Water and Sewer Department, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			2018	2018
☑ PERFORMED WITH CDM SMITH					
<p>Principal-in-Charge. CDM Smith was selected by Okaloosa County Water and Sewer Department to design and construct a Carrousel oxidation ditch, secondary clarifier, return activated sludge (RAS) pumping station, ultraviolet (UV) disinfection system, and effluent pumping system for a 5-mgd expansion to the existing WRF. Patrick was responsible for contract oversight and ensuring the overall client satisfaction with the services provided.</p>					



S E C T I O N

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Justin Saarinen, GISP		Client Service Leader		A. TOTAL	23
				B. WITH CURRENT FIRM	4
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Sarasota, FL					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MS – Geography; BS – Geography					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
GIS Professional					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Comprehensive Wastewater Master Plan, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
	Ongoing				N/A
Senior Management Specialist. CDM Smith is addressing the city's wastewater challenges through condition assessments of the Pan American and Southwest Water Reclamation Facilities and 31 lift stations. The project focuses on evaluating equipment, identifying improvement areas, and developing renewal plans. Technologies like hydraulic modeling, GIS platforms, and capacity planning optimize system performance, while security assessments ensure infrastructure protection.					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Direct Potable Reuse Feasibility Study, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
	2024				N/A
Senior Management Specialist. CDM Smith's feasibility study encompasses source water characterization, literature and regulatory review, and treatment technology evaluation. It includes sampling reclaimed water from the Pan American plant, reviewing DPR pilot studies, and assessing biofiltration, reverse osmosis, and UV disinfection technologies. Additionally, planning-level costs for treatment methods and infrastructure requirements are being analyzed..					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Asset Management System Strategy and Development, Lakewood Ranch Stewardship District, Sarasota, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
	Ongoing				N/A
Project Technical Lead. Mr. Saarinen worked with the executive director and operations staff to develop an asset management system for the District's Braden River Utility system that supplies reclaimed irrigation, and the stormwater systems, landscapes, signs and pavement management. Lakewood Ranch is over 25,000 acres and expects over 20,000 homes including schools, emergency services, commercial, and research space.					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Lead and Copper Rule Revision (LCRR) Compliance Program, Gainesville Regional Utilities, Gainesville, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
	Ongoing				N/A
Senior Management Specialist. Mr. Saarinen worked closely with the project team to review datasets, developed service line material inventory, identify lead service lines, develop standard operating procedures and public notification materials for the 54,186 service points throughout Alachua County, Florida. This effort includes configuring Trinnex's web-based leadCAST basic data management solution so that the client can maintain LCRR compliance independently.					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Lead and Copper Rule Revision (LCRR) Compliance Program, Emerald Coast Utility Authority, Pensacola, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
	Ongoing				N/A
Senior Management Specialist. Mr. Saarinen worked closely with the project team to review datasets, developed service line material inventory, identify lead service lines, develop standard operating procedures and public notification materials for tens of thousands of service points throughout Escambia County, Florida. This effort includes configuring Trinnex's web-based leadCAST basic data management solution so that the client can maintain LCRR compliance independently.					
f.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Stormwater System Asset Management, Dunes Community Development District, Palm Coast, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
	Ongoing				N/A
Project Technical Lead. Mr. Saarinen led the team for technical approaches to update and improve the system of record for the City's stormwater system including field collection, data management, risk detection and infrastructure condition assessments. The Dunes Community Development District has an estimated 1,000 stormwater feature assets to be managed.					



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Mark Sunyak, PE		Project Manager		A. TOTAL	32
				B. WITH CURRENT FIRM	3
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Fort Myers, FL					
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)	
M - Public Administration; BS - Civil Engineering				PE - FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
<ul style="list-style-type: none"> ■ Project Management Professional (PMP) ■ OSHA 8 Hour Asbestos ■ National Incident Management IS 100, 200, 700-704, 800, 803 and MGT 100, 313 					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Waste Water (WW) Model Update, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2024	N/A
<p>Project Manager. Oversee the latest update to the City's wastewater collection system model. After experiencing increased system pressures as a result of population increases, a detailed analysis of the system was conducted to develop options for reducing existing operational issues and prevent ongoing issues due to long-term development pressures. Multiple possible improvements were investigated and explored with City staff at workshops to arrive at the most economical and practical solution for the City. Post Hurricane Ian modeling scenarios were developed as well to determine if observed pressures and flows were consistent with modeled outcomes.</p>					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest WRF Mixed Liquor Return Pump VFDs, City of Cape Coral, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2025	N/A
<p>Project Manager. Manage a multi-disciplined team in the development of alternatives for addressing the addition of VFDs. Initial development of an options analysis will lead to the design of a final solution that addresses space constraints at an existing MCC in advance of a plant expansion project.</p>					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Consent Order, City of Fort Myers, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	Ongoing	Ongoing
<p>Project Manager. Assist the City with various aspects of the 2020 Wastewater Consent Order. Tasks include value engineering review of in-kind projects, development of a revised groundwater monitoring plan, development of various schedules and cost estimates for design and construction of improvements necessitated by the Consent Order.</p>					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	NESA Wellfield Expansion, Collier County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	Ongoing	N/A
<p>Project Manager. Manage expansion of the County's Northeast wellfield which will include 33 wells and over 49,000 linear feet of raw water pipeline. This is a multi-year and multi-phased project to provide a reliable water supply to a new water treatment plant in the County's quickly growing northeast service area. This project entails coordination with private property owners, the County Parks Department who is developing a regional park in a portion of the wellfield alignment and the team of consultants developing the WTP. The work includes all aspects of wellfield design including electrical supply, instrumentation and controls, and surface facilities and necessary regulatory permitting.</p>					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Foxfire Wells, Collier County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	Ongoing	N/A
<p>Project Manager. Manage expansion of the reclaimed water system through the construction of three additional shallow aquifer wells. The project includes modifications to the existing storage pipe network to improve performance of the reclaimed water system. All three wells will supplement the County's ability to provide contractual water quantities to the existing customers. Work included instrumentation and controls, electrical and structural disciplines at two project sites.</p>					



Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE			
Brian Karmasin, PE, BCEE		Water, Wastewater, Reclaimed Water Treatment & Storage Systems - Water Wastewater & Reclaimed Water Planning		A. TOTAL	26	B. WITH CURRENT FIRM	26
15. FIRM NAME AND LOCATION (City and State)							
CDM Smith Inc. - Maitland, FL							
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)			
ME - Environmental Engineering; BS - Environmental, Engineering				PE - FL, TN			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):							
Board Certified Environmental Engineer (BCEE); American Academy of Environmental Engineers and Scientists							
19. RELEVANT PROJECTS							
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)						(2) YEAR COMPLETED	
Three Oaks Water Reclamation Facility (WRF) Expansion Progressive Design-Build, Lee County Utilities, FL						PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH						Ongoing	Ongoing
a.	<p>Design Manager. Mr. Karmasin is the design manager and lead wastewater process engineer for this \$40 million project, overseeing preliminary and final design as well as construction phase services. The project began with a capacity analysis to expand the plant from 6.0 mgd to 9.0 mgd, including evaluations of various systems such as oxidation ditches and aeration systems. BioWin™ modeling validated the expanded capacity. Final design services included new bar screens, an oxidation ditch process train, deep bed filters, denitrification filters, expanded chlorine contact facilities, pumping upgrades, chemical storage and feed facilities, and a new electrical building with a standby generator.</p>						
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)						(2) YEAR COMPLETED	
Three Oaks WWTP Oxidation Ditch Improvements, Lee County Utilities, FL						PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH						2019	2019
b.	<p>Project Manager. Mr. Karmasin led the \$31.5M project as the project manager and wastewater process engineer. This involved evaluating the facility's capacity, including headworks, oxidation ditches, and various systems. BioWin™ modeling validated design decisions, leading to the creation of a new oxidation ditch process train, secondary clarifiers, and sludge pump stations. Engineering services during construction included various reviews, and the project was successfully delivered through CMAR.</p>						
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)						(2) YEAR COMPLETED	
South Central Service Area Wastewater Expansion Study, Hillsborough County Utilities, FL						PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH						2019	
c.	<p>Process Engineer. Mr. Karmasin served as a process engineer for the evaluation of the County's South Central service area in order to validate when expansion would be necessary, advance alternatives to determine the quantity of additional capacity that could be garnered and provide a preliminary cost estimate of alternatives to meet current effluent criteria of 3 mg/L TN and 1 mg/L TP. The service area presently treats an average of 21.3 mgd with projected average flows of 43.0 mgd in 2040.</p>						
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)						(2) YEAR COMPLETED	
South County Advanced Wastewater Treatment Facility Capacity Re-Rate Study, Hillsborough County, FL						PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH						2019	N/A
d.	<p>Process Engineer. Hillsborough County hired CDM Smith to evaluate the South County Advanced Wastewater Treatment Facility's (SCAWTF) capacity, aiming to potentially increase its permitted treatment capacity from the current 10 mgd. The project involves hydraulic and process analyses to determine achievable treatment capacity per unit, identifying necessary improvements for incremental capacity increases, and providing a planning-level opinion of probable construction costs. Mr. Karmasin is the process engineer for this evaluation.</p>						
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)						(2) YEAR COMPLETED	
Taylor Dairy Road Campus Water and Wastewater Facility Conceptual and Preliminary Design, St. Lucie County Utilities, St. Lucie County FL						PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH						2022	N/A
e.	<p>Design Manager. Mr. Karmasin led the preliminary design for a co-sited 2.0 mgd water treatment plant and 2.0 mgd water reclamation facility. The water treatment plant featured production wells, reverse osmosis, degasification, disinfection, finished water storage, and high service pumping. The water reclamation facility included headworks, biological nutrient removal, secondary clarification, tertiary filtration, disinfection, reuse storage, and reclaimed water pumping. Shared facilities encompassed a maintenance building, administration building, and main electrical building, with over 120 design drawings prepared.</p>						



SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE			
Matthew Trzcinski, PE		Water, Wastewater, Reclaimed Water Treatment		A. TOTAL	30	B. WITH CURRENT FIRM	9
15. FIRM NAME AND LOCATION (City and State)							
CDM Smith Inc. - Tampa, FL							
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)			
BS - Engineering				PE - FL, TX			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):							
Project Manager Training; Senior Project Manager Certification; Loss Prevention System Training							
19. RELEVANT PROJECTS							
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Kay Bailey Hutchinson RO Desalination Facility, El Paso Water Utilities, El Paso, TX			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2007	2007		
<p>Technical Specialist. Mr. Trzcinski served as a technical specialist during the design, construction, and start-up of the 27.5 mgd RO Facility for El Paso Water Utilities. He was responsible for process design; process mechanical detailing; specification writing; developing commissioning, start-up, and performance testing procedures; providing construction support and inspection services; plant start-up and oversight; and assisting in the development of operator training materials and classes. The facility won the 2007 Engineering Excellence Gold Award from the Texas Council of Engineering Companies and the 2008 Superior Achievement Award from the American Academy of Environmental Engineers.</p>							
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Seawater RO Design-Build, Sand City, Sand City, CA			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2008	N/A		
<p>Technical Specialist. Mr. Trzcinski served as a technical specialist during the development of the 30% design-build submittal for the Sand City 0.6 mgd seawater desalination facility. Responsibilities included process design; overseeing and coordinating engineering disciplines; developing drawings; and regulatory compliance.</p>							
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Santa Cruz Seawater RO Pilot Test Program, City of Santa Cruz, Santa Cruz, CA			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2008	2008		
<p>Technical Specialist. Mr. Trzcinski served as a technical specialist during the design and construction of the City of Santa Cruz pilot test program. Responsibilities included regulatory compliance; developing pilot test protocols; process design; construction oversight; and start-up and commissioning oversight. The pilot plant tested conventional flocculation/sedimentation; pressurized media filtration; slow sand filtration; submerged and pressurized UF; chlorine dioxide; and UV.</p>							
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Newark Desalination Facility Phase 2, Alameda County Water District, Newark, CA			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2008	N/A		
<p>Project/Design Manager. Mr. Trzcinski served as project/design manager during the design of the Phase 2 Newark desalination facility expansion project. Responsibilities included supervising the preparation of a design report and design; coordinating engineering disciplines; process design oversight; managing sub-consultants; performing quality assurance reviews; communicating with clients; preparation of progress reports; and managing scope, schedule, and budget. The Newark desalination facility was expanding from 6 mgd to 12.5 mgd.</p>							
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Reclaimed Water Pilot Plant Design, Santa Clara Valley Water District, San Jose, CA			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	2008	N/A		
<p>Project/Design Manager. Mr. Trzcinski served as project/design manager during the development of a pilot plant design and test protocol for a study to evaluate RO and pretreatment technologies for wastewater reclamation. Responsibilities included managing scope, schedule, and budget; developing pilot test protocol; process design; and the development of commissioning, start-up, and performance testing procedures. The design incorporated pressurized microfiltration technology.</p>							



E SECTION

Resumes of Key Personnel Proposed for This Contract PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Jorge Arevalo, PhD, PE		Water, Wastewater, Reclaimed Water Treatment		A. TOTAL	18
				B. WITH CURRENT FIRM	17
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Maitland, FL					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
PhD – Environmental Engineering; MS – Environmental Engineering; BS – Chemical Engineering			PE - FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review and Assistance, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
				2023	2023
	<p>Project Engineer. CDM Smith played a key role in the SWWTP project by reviewing design documents for technical accuracy and compliance with industry standards. The team provided project management, construction support, and conducted 15 site visits to monitor progress, offer detailed reports, and review operations manuals. Advanced reverse osmosis (RO) technology was implemented to tackle high TDS levels in the groundwater..</p>				
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
				2021	N/A
	<p>Project Engineer. CDM Smith conducted detailed design reviews at various stages, evaluating aspects like reverse osmosis treatment, pretreatment, pumping systems, and blending processes. A multidisciplinary team of experts ensured compliance with city standards through meetings, review comments, and marked-up plans. Their efforts focused on delivering a design that met regulatory requirements and optimized system performance.</p>				
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Taylor Dairy Road Water Campus Water and Wastewater Facility Conceptual and Preliminary Design, St. Lucie County Utilities, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
				2022	N/A
	<p>Project Engineer. Dr. Arevalo led the pilot testing and the conceptual and preliminary design for a greenfield 2.0-mgd water treatment plant at the Taylor Dairy Road Campus. The water treatment plant design consists of production wells, a reverse osmosis treatment system, degasification, disinfection, finished water storage and high service pumping. The water treatment was co-sited with a 2-mgd water reclamation facility and included shared maintenance building, administration building, and a main electrical building serving both the water treatment and water reclamation facilities. Two stand-alone preliminary design reports along with over 120 design drawings were prepared as part of this project. Scope to continue with the final design of the water treatment plant is in development.</p>				
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Ocean Outfall Legislation Program, South District Wastewater Treatment Plan (SDWWTP) ST-2B Design of Clarifiers and HLD, Miami-Dade County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
				2023	N/A
	<p>Project Engineer. CDM Smith is currently involved in providing engineering services for a high-profile Ocean Outfall Legislation Program. Under Task Authorization No. 01 and Project ST-2B, CDM Smith is leading the process mechanical design effort for the design of two new 195' Secondary Clarifiers, a new Flocculation Tank, and six new Deep Bed Filters. The design is currently at 30% milestone. The overall design fees are approximately \$9M. Dr. Arevalo was responsible for MOPO planning and constructability review.</p>				
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Consent Decree Project 2.27 - Central District WWTP Oxygen Production, Miami-Dade Water and Sewer Department (WASD), Miami-Dade County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
				2021	N/A
	<p>Project Engineer. CDM Smith was tasked with an evaluation of the oxygen delivery needs for WASD's 143-mgd Central District WWTP, including identifying alternatives for addressing the oxygen delivery system deficiencies, identifying alternative technologies for the proposed fourth new oxygen generation unit, and providing recommendations to the WASD. Dr. Arevalo was responsible for MOPO planning and constructability review.</p>				



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME	13. ROLE IN THIS CONTRACT	14. TOTAL YEARS EXPERIENCE			
Alexandra Apple, PE	Water, Wastewater, Reclaimed Water Treatment	A. TOTAL	13	B. WITH CURRENT FIRM	2
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
CDM Smith Inc. - Tampa, FL					
16. EDUCATION <i>(degree and specialization)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(state and discipline)</i>		
MS – Civil Engineering; BS – Civil Engineering			PE - FL, NC		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.):</i>					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION <i>(City & State)</i> • ROLE • BRIEF DESCRIPTION <i>(Scope, Size, Cost, etc.)</i>				(2) YEAR COMPLETED	
North Port Treatment Technology Evaluation and Preliminary Costing Report, City of North Port, FL				PROFESSIONAL SERVICES 2022	Construction <i>(If Applicable)</i> N/A
3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i>		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
a. Project Engineer. Alex supported the research and evaluation of treatment technologies for this direct potable reuse feasibility study and helped to develop preliminary cost comparisons of proposed alternatives. Treatment technologies evaluated included membrane systems involving ultrafiltration and RO, and advanced oxidation processes using either UV/Peroxide, UV/Chlorine, UV with ozonation or photo-catalytic processes. Alex also evaluated the repurposing of existing degasifiers for TTHM removal after RO treatment and advanced oxidation.					
(1) TITLE AND LOCATION <i>(City & State)</i> • ROLE • BRIEF DESCRIPTION <i>(Scope, Size, Cost, etc.)</i>				(2) YEAR COMPLETED	
Direct Potable Reuse Feasibility Study, City of North Port, FL				PROFESSIONAL SERVICES 2024	Construction <i>(If Applicable)</i> N/A
3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i>		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
b. Project Engineer. CDM Smith's feasibility study encompasses source water characterization, literature and regulatory review, and treatment technology evaluation. It includes sampling reclaimed water from the Pan American plant, reviewing DPR pilot studies, and assessing biofiltration, reverse osmosis, and UV disinfection technologies. Additionally, planning-level costs for treatment methods and infrastructure requirements are being analyzed..					
(1) TITLE AND LOCATION <i>(City & State)</i> • ROLE • BRIEF DESCRIPTION <i>(Scope, Size, Cost, etc.)</i>				(2) YEAR COMPLETED	
Tampa Bay Water Regional Surface Water Treatment Plant Expansion Project, Veolia, Tampa, FL				PROFESSIONAL SERVICES 2024	Construction <i>(If Applicable)</i> N/A
3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i>		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
c. Project Engineer. Using Visual Hydraulics and AFT Fathom, Alex developed hydraulic modeling of the plant from the raw water tanks, through treatment trains, to the finished water tanks, and from hydrocyclone overflow to the gravity thickeners to confirm existing water surface levels, system capacities, and proposed design compatibility with existing infrastructure. Alex assisted in coordination of subcontractors as part of proposal preparation effort. Using WaterGems, she helped to verify the preliminary hydraulics of design concepts being considered to equalize flow into the plant's clearwells and modify the chlorine contact tank.					
(1) TITLE AND LOCATION <i>(City & State)</i> • ROLE • BRIEF DESCRIPTION <i>(Scope, Size, Cost, etc.)</i>				(2) YEAR COMPLETED	
St. Lucie Taylor Dairy Road Surge Analysis, Wellfield Modeling and Pump Calculations, St. Lucie County, FL				PROFESSIONAL SERVICES 2024	Construction <i>(If Applicable)</i> N/A
3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i>		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
d. Project Engineer. Alex assisted in surge model creation and analysis to evaluate the impact of power failure on the system design and assure the appropriate sizing and locations of air valves to protect system infrastructure. Alex developed hydraulic models in AFT Fathom model of the distribution system from the groundwater intakes to Taylor Dairy Road WTP Reverse Osmosis (RO) Feed Pump inlets and from the RO Feed pumps to the degasifier to determine appropriate pump sizes at three new wells and for the RO system.					
(1) TITLE AND LOCATION <i>(City & State)</i> • ROLE • BRIEF DESCRIPTION <i>(Scope, Size, Cost, etc.)</i>				(2) YEAR COMPLETED	
Water Management District, STA 5/6 Seal Water Supply Hydraulic Model, South Florida, FL				PROFESSIONAL SERVICES 2023	Construction <i>(If Applicable)</i> N/A
3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i>		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
e. Team Member. Alex assisted in design and modeling of the seal water supply system to feed the STA 5/6 300 cufs stormwater treatment pump station					



Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME	13. ROLE IN THIS CONTRACT	14. TOTAL YEARS EXPERIENCE				
Gregory Wetterau, PE, BCEE	Water, Wastewater, Reclaimed Water Treatment	A. TOTAL	31	B. WITH CURRENT FIRM	26	
15. FIRM NAME AND LOCATION (City and State)						
CDM Smith Inc. - Rancho Cucamonga, CA						
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)			
MS – Environmental Engineering; BS – Civil Engineering; BA – Liberal Arts			PE - CA, WA, OR			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):						
Board Certified Environmental Engineer (BCEE), American Academy of Environmental Engineers and Scientists						
19. RELEVANT PROJECTS						
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
	Direct Potable Reuse Feasibility Study, City of North Port, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH				2024	N/A
<p>Process Lead. CDM Smith's feasibility study examines source water, regulations, and treatment technologies. It includes reclaimed water sampling, DPR pilot study reviews, and evaluating biofiltration, reverse osmosis, and UV disinfection. The study also assesses planning-level costs and infrastructure needs for treatment technologies..</p>						
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
	Membrane Softening Facility Preliminary Design, Boca Raton, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH					N/A
<p>Project Engineer. Mr. Wetterau was involved in conceptual and preliminary design phases of the City of Boca Raton's 40-mgd Glades Road membrane softening facility. His responsibilities included evaluation of pretreatment and post-treatment process alternatives and the design of chemical storage and feed facilities. He also served as lead engineer during design and permitting of a 4800-pound-per-day (lb/d) sodium hypochlorite generation facility for the Glades road plant. Additionally, Mr. Wetterau led a risk management plan compliance audit for the city's existing chlorination facility at the Glades Road water plant.</p>						
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
	Water Treatment Facilities Improvements and Expansion, Palm Beach County, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH				Ongoing	N/A
<p>Project Manager/Engineer. Mr. Wetterau's involvement on Palm Beach County Water Utilities Department projects has included uprate testing and facilities improvement planning for a 16-mgd conventional treatment plant at Water Treatment Plant (WTP) No. 8, design and piloting services for a 10.8-mgd facilities expansion at the WTP #3 membrane softening plant, and piloting services for a new nanofiltration facility at WTP#9. Processes and technologies involved in these designs and analyses have included onsite hypochlorite generation, ozonation, degasification, acidless nanofiltration operation, and raw water blending analysis and design</p>						
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
	Risk Management and Process Safety Management Plans for Chlorination Facilities, Deerfield Beach, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH					N/A
<p>Project Manager/Engineer. For the City of Deerfield Beach, Mr. Wetterau served as project manager for the development of Risk Management and Process Safety Management plans for chlorination facilities at the city's East and West water treatment plants (WTPs). In addition, Mr. Wetterau was involved in design, permitting, and services during construction for a 10.5-mgd membrane softening facility at the city's West WTP. His responsibility included design of the chemical storage and feed facilities, degasification facilities, concentrate treatment, raw water pretreatment, and other miscellaneous aspects of the facility design.</p>						
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
	Leo J. Vander Lans Water Treatment Facility Expansion, Long Beach, CA				PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH				2014	
<p>Process Lead. Mr. Wetterau led the design and construction of the Leo J. Vander Lans Water Treatment Facility expansion, increasing its capacity from 3 mgd to 8 mgd without raising sewer waste flows. The facility uses DAF, secondary MF, and third stage RO to achieve a 91% recovery rate, and includes advanced oxidation to meet new regulations. He was also heavily involved in permitting the facility, the first approved under California's draft Groundwater Recharge Reuse Regulations.</p>						



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME	13. ROLE IN THIS CONTRACT	14. TOTAL YEARS EXPERIENCE			
Travis Meyer, PE, PMP	Water, Wastewater, Reclaimed Water Treatment	A. TOTAL	32	B. WITH CURRENT FIRM	7
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Helena, MT					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MS – Environmental Engineering; BS – Civil Engineering			PE - MT, CO		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
Project Management Professional (PMP); American Water Works Associations; Water Environment Federation					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)		(2) YEAR COMPLETED		
	Punta Gorda WWTP Upgrade, Punta Gorda, FL		PROFESSIONAL SERVICES	Construction (If Applicable)	
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		2024	N/A	
<p>Lead Process Engineer. Mr. Meyer served as the lead process engineer and BioWin modeler for an alternative analysis, basis of design, and design of the selected alternative for an aging 4-mgd treatment plant. The selected alternative included replacing the secondary treatment system with a new MLE plant that can meet future anticipated nitrogen limits. Tertiary filtration capacity was also increased by adding additional deep bed sand filters prior to deep well injection.</p>					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)		(2) YEAR COMPLETED		
	Wastewater Treatment Upgrades, Miami Central Dade WWTP, Miami, FL		PROFESSIONAL SERVICES	Construction (If Applicable)	
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		2023	N/A	
<p>Lead Process Engineer. Mr. Meyer serves as the lead process engineer and process modeler for secondary treatment upgrades at a 300-mgd high-purity oxygen (HPO) treatment plant. The project required the use of two process models (BioWin and GPS-X) to evaluate the HPO process trains, surface aerators, and secondary clarifiers.</p>					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)		(2) YEAR COMPLETED		
	Sanitation Master Plan Update, CVWD, Coachella, CA		PROFESSIONAL SERVICES	Construction (If Applicable)	
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		2023	N/A	
<p>Project Technical Leader. Mr. Meyer served as the process engineer and BioWin modeler to develop capital improvement projects for CVWD’s five wastewater treatment plants (WRP 1, WRP 2, WRP 4, WRP 7, and WRP 10). Project development included process modeling, project timelines regarding capacity, regulatory requirements, and district priorities including complete reuse of effluent. Over 40 WWTP projects were identified, evaluated, prioritized, and planned with total estimated costs of \$570 million. Critical path scheduling was performed over the 20-year CIP timeline to allow CVWD to complete projects within budgeting constraints and construction management capacity. Cost estimates were prepared for each project and a capital improvement plan was presented.</p>					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)		(2) YEAR COMPLETED		
	Horsethief MBR Facility, Elsinore Valley Municipal Water District, CA		PROFESSIONAL SERVICES	Construction (If Applicable)	
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		Ongoing	N/A	
<p>Lead Process Engineer. Mr. Meyer served as the BioWin process modeling lead and provided process mechanical design for a 1.2-mgd MBR nitrogen removal facility to replace an aging oxidation ditch system. The treatment process consisted of a 3-stage feed-forward MLE system and incorporated up to 350,000 gallons of equalization volume within the main bioreactor tanks to limit the maximum flow to be treated in the MBR system. Process modeling and mechanical design were fast-tracked to accommodate a design/build delivery approach with 90-percent design completed in less than 2 months.</p>					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)		(2) YEAR COMPLETED		
	BNR MBR WWTP, Butte, MT		PROFESSIONAL SERVICES	Construction (If Applicable)	
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		2023	N/A	
<p>Lead Process Engineer. Mr. Meyer served as process and BioWin model lead and provided facility planning and development of final process design criteria for an 8-mgd membrane bioreactor (MBR) wastewater plant with turbo blowers. The existing headworks facility was upgraded with multi-rake 3/8" bar screens, grit chamber improvements, and new influent pumps. A new fine screening facility was constructed with 2mm perforated plate drum screens and screenings compactors.</p>					



S E C T I O N

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT	14. TOTAL YEARS EXPERIENCE			
Joshua Benjamin, PhD		Water, Wastewater, Reclaimed Water Treatment	A. TOTAL	4	B. WITH CURRENT FIRM	1
15. FIRM NAME AND LOCATION (City and State)						
CDM Smith Inc. - Tampa, FL						
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
PhD - Environmental Engineering; MS - Environmental Engineering; BS - Environmental Engineering				PE - FL; CIE - FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):						
AWRA 2019 Student of the Year						
19. RELEVANT PROJECTS						
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED		
	Direct Potable Reuse Feasibility Study, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)	
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
2024			N/A			
Environmental Engineer. CDM Smith's feasibility study examines source water, regulations, and treatment technologies. It includes reclaimed water sampling, DPR pilot study reviews, and evaluating biofiltration, reverse osmosis, and UV disinfection. The study also assesses planning-level costs and infrastructure needs for treatment technologies...						
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED		
	Riviera Beach Utility Special District Water Treatment Facilities Project, Riviera Beach, FL			PROFESSIONAL SERVICES	Construction (If Applicable)	
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
2024			N/A			
Environmental Engineer. The project involves the design and construction of a 14 MGD membrane treatment plant for the City of Riviera Beach, Florida. Dr. Benjamin wrote the pilot performance report, conducted a pretreatment optimization study, and assisted with the chemical storage system design.						
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED		
	Water Treatment Plant No. 11 Alternatives Analysis, Palm Beach County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)	
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
2024			N/A			
Environmental Engineer. The project involves conducting an alternatives analysis to indicate how Palm Beach County should retrofit their existing Water Treatment Plant 11 to meet future demands. Dr. Benjamin evaluated the performance of the RO system, the clearwell, the chemical systems, and the degasification system and identified what changes need to be made to the facility to be able to accommodate anticipated changes in population and raw water quality.						
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED		
	Water Alternatives Analysis, Palm Beach County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)	
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
2024			N/A			
Environmental Engineer. The project involved conducting an alternatives analysis to indicate how Palm Beach County should retrofit their existing Water Treatment Plant 8 to meet the new PFAS regulations. Dr. Benjamin assessed the performance of the existing water treatment plant and evaluated treatment technologies including powdered activated carbon, ion exchange and nanofiltration that the city could use to produce a resilient water supply that is compliant with the new PFAS regulations. Evaluations included sizing the systems, determining the anticipated performance, and conducting capital, operational, and lifecycle cost projections.						
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED		
	c, Jacksonville, FL			PROFESSIONAL SERVICES	Construction (If Applicable)	
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
2024			N/A			
Environmental Engineer. The project involved conducting a comprehensive evaluation of the source water quality that will enter JEA's H2.0 purification plant and developing a pretreatment program plan for the future facility. Dr. Benjamin was responsible for analyzing historic water quality data, compiling the information in a comprehensive report, inspecting potential sensor technologies that could be used to monitor the future indirect potable reuse facility, and developing an industrial pretreatment program that will be used to monitor the performance of existing industrial users in the Arlington East WRF sewershed.						



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE			
Isaac Holowell, PE		Water, Wastewater, Reclaimed Water Conveyance Systems - Water, Wastewater, and Reclaimed Water Planning		A. TOTAL	13	B. WITH CURRENT FIRM	11
15. FIRM NAME AND LOCATION (City and State)							
CDM Smith Inc. - Fort Myers, FL							
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)			
BS - Environmental Engineering				PE - FL			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):							
19. RELEVANT PROJECTS							
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Wastewater Hydraulic Model Development, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2018	N/A		
<p>Project Engineer. Mr. Holowell was responsible for developing a city-wide hydraulic model of the City of North Port's wastewater pumping stations and force main network using Bentley WaterGEMS. The evaluation included a force main capacity analysis of the City's US 41 Residential and Commercial Corridor.</p>							
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Wastewater Model Update - Future Flows Analysis, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2024	N/A		
<p>Project Engineer. CDM Smith enhanced the hydraulic model by incorporating data from existing service areas, future developments, and septic-to-sewer conversions. The project expanded 15 pump stations, upsized force main segments, and analyzed various configurations to optimize the wastewater system. It also evaluated system performance impacts from events like Hurricane Ian.</p>							
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Future Development Areas Wastewater Improvements, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			Ongoing	N/A		
<p>Project Engineer. CDM Smith is addressing wastewater challenges with a hydraulic model for current systems and future developments. The project includes evaluating strategies for capacity growth and implementing upgrades like a 6 MGD booster pump station and improvements to 16 pump stations. Cost estimates support effective planning, while advanced modeling techniques and collaboration with North Port Utilities ensure compliance and high standards.</p>							
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Comprehensive Wastewater Master Plan, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			Ongoing	N/A		
<p>Project Engineer. CDM Smith is tackling wastewater challenges by assessing major reclamation facilities and lift stations to evaluate equipment conditions and create a renewal plan. Advanced tools like hydraulic modeling, GIS platforms, and capacity planning are optimizing the system. Cybersecurity and physical security measures are also enhancing infrastructure protection.</p>							
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Reclaimed Water Expansion Phase 4, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2019	N/A		
<p>Project Engineer. CDM Smith contributed to the Reclaimed Water Expansion Phase 4 by performing geotechnical exploration and recommending foundation designs for new infrastructure. The team drilled five SPT borings to assess subsurface conditions and develop stable foundations. They also addressed soil challenges through construction and considered ground improvement techniques such as pre-loading surcharge, vibro-replacement, and rigid inclusions to resolve settlement issues.</p>							
f.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Bobcat Village Force Main Replacement, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2020	N/A		
<p>Project Engineer. CDM Smith delivered extensive engineering design services, covering project management, permitting, and construction support. Key aspects included creating design drawings and specifications for a new force main with three horizontal directional drills under Courage Way, Lexi Lane, and South Toledo Blade Boulevard. The scope also included surveys, geotechnical investigations, and bid services, along with coordination with stakeholders to ensure compliance with local regulations.</p>							
g.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Lift Station Rehabilitation, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2019	N/A		
<p>Project Engineer. CDM Smith updated technical specifications and drawings to support the rehabilitation of 13 lift stations, including piping replacement, electrical upgrades, and SCADA system installation. Their thorough planning ensured compliance with city, federal, and state standards through site visits, design reviews, and record drawings.</p>							



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE			
Marc Stonehouse, PE		Water, Wastewater, Reclaimed Water Conveyance Systems		A. TOTAL	27	B. WITH CURRENT FIRM	26
15. FIRM NAME AND LOCATION (City and State)							
CDM Smith Inc. - Fort Myers, FL							
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)			
MSE – Environmental Engineering; BS – Engineering				PE - FL, MI			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):							
Project Management Professional (PMP)							
19. RELEVANT PROJECTS							
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Water Transmission Expansion from MCWTP to Ortiz, Phase 1, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2020	2020		
	☑ PERFORMED WITH CDM SMITH						
<p>Project Manager. Mr. Stonehouse managed this project that improved flows and pressures by connecting the two existing 12-inch mains between Eager and Grobe Street, adding substantial looping to the area that is served by the 12-inch water main. In addition, he oversaw connection of the existing 8-inch water main on Eager Street to the 4-inch water main across the Alley is needed. CDM Smith provided design, bidding, and services during construction.</p>							
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Wastewater Hydraulic Model Development, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2018	N/A		
	☑ PERFORMED WITH CDM SMITH						
<p>Task Manager. Mr. Stonehouse was a task manager for developing a city-wide hydraulic model of the City of North Port’s wastewater pumping stations and force main network using Bentley WaterGEMS. The evaluation included a force main capacity analysis of the City’s US 41 Residential and Commercial Corridor.</p>							
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Southwest Water Treatment Plant Design Review and Assistance, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2023	2023		
	☑ PERFORMED WITH CDM SMITH						
<p>Project Manager. CDM Smith reviewed the SWWTP project’s design documents for accuracy and compliance with industry standards while providing project management, submittal reviews, and engineering support during construction. They conducted 15 site visits to monitor progress, offered operational recommendations, and oversaw the plant’s start-up and commissioning. Advanced reverse osmosis (RO) technology was utilized to address the high TDS levels in groundwater effectively.</p>							
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Direct Potable Reuse Feasibility Study, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2024	N/A		
	☑ PERFORMED WITH CDM SMITH						
<p>Project Manager. CDM Smith is conducting a comprehensive feasibility study that includes source water characterization, literature and regulatory review, and treatment technology evaluation. The study involves sampling and analyzing reclaimed water from the Pan American wastewater treatment plant, reviewing DPR pilot studies, and evaluating treatment technologies such as biofiltration, reverse osmosis, and UV disinfection. Planning level costs for various treatment technologies and infrastructure requirements are also being assessed..</p>							
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Myakkahatchee Creek Water Treatment Plant Phase 3 Structural Improvements, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2024	2024		
	☑ PERFORMED WITH CDM SMITH						
<p>Project Manager. CDM Smith provided comprehensive engineering services, including finalizing design documents, managing project quality, and coordinating with the City. The scope included repairs to Flocculator No. 2, Filter No. 2, Clearwell No. 2, Pump Room No. 2, and Clarifier No. 1. The project involved detailed planning, site visits, submittal reviews, and preparation of record drawings. Innovative approaches and strict adherence to environmental regulations were crucial to the project’s success...</p>							
f.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED			
	Inflow and Infiltration Specification Development, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2020	N/A		
	☑ PERFORMED WITH CDM SMITH						
<p>Project Manager. CDM Smith took a comprehensive approach to updating I/I rehabilitation specifications and standard details, including creating bid line items and forms while supporting the pre-bid process. Their expertise ensured compliance with NASSCO’s recommended specifications for sewer rehabilitation. They also reviewed the City’s contract language and recommended changes to address construction challenges effectively.</p>							



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Clay Tappan, PE, BCEE		Water, Wastewater, Reclaimed Water Conveyance Systems		A. TOTAL	38
				B. WITH CURRENT FIRM	38
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Sarasota, FL					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MS - Engineering Management; BS - Environmental Engineering			PE - FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
Board Certified Environmental Engineer (BCEE), American Academy of Environmental Engineers and Scientists					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Water Transmission Expansion from MCWTP to Ortiz Phase 1, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2020	2020
<p>Lead Practitioner. CDM Smith employed advanced groundwater flow modeling, including USGS MODFLOW and SEAWAT codes, to identify salinity sources and create a mitigation plan. The project involved constructing a 16-inch water main along Tamiami Trail, connecting 12-inch mains, and enhancing the distribution system. It also included surveys, geotechnical studies, and detailed design documentation.</p>					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Biscayne & Pan American Pipeline Replacement, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2021	N/A
<p>Technical Advisor. CDM Smith carried out a thorough design and permitting process, including surveys, geotechnical studies, and engineering plans. Coordination with FDEP, SWFWMD, and other stakeholders ensured compliance with regulations. The project involved removing bridge-mounted pipelines, installing HDPE pipelines, and conducting site restoration. Additional efforts included risk mitigation, utility locates, and pressure testing for quality assurance.</p>					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Bobcat Village Force Main Replacement, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2020	2020
<p>Lead Practitioner. CDM Smith offered engineering design services encompassing project management, permitting, and construction support. They developed force main designs with three HDD crossings and conducted surveys, geotechnical studies, and bid services. Coordination with North Port stakeholders ensured compliance with local regulations and standards.</p>					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Lift Station Rehabilitation Project, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2019	N/A
<p>Technical Reviewer. CDM Smith updated lift station drawings and specifications to create bid-ready documents for rehabilitating 13 stations. Tasks included piping replacement, electrical upgrades, and SCADA system installations, with meticulous planning and site reviews. Standard details ensured consistency and compliance with City, federal, and state regulations.</p>					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2021	N/A
<p>Technical Advisor. CDM Smith conducted detailed design reviews at various stages, evaluating aspects like reverse osmosis treatment, pretreatment, pumping systems, and blending processes. A multidisciplinary team of experts ensured compliance with city standards through meetings, review comments, and marked-up plans. Their efforts focused on delivering a design that met regulatory requirements and optimized system performance.</p>					
f.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Inflow and Infiltration Specification Development, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2020	N/A
<p>Technical Advisor. CDM Smith developed updated I/I rehabilitation specifications and standard details, ensuring compliance with NASSCO standards. The scope included creating bid line items, supporting pre-bid meetings, and addressing bidder inquiries. They reviewed the City's contract language and suggested changes to better manage construction challenges.</p>					



Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Lee Wiseman, PE, BCEE		Water, Wastewater, Reclaimed Water Planning		A. TOTAL	40
				B. WITH CURRENT FIRM	34
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Maitland, FL					
16. EDUCATION (degree and specialization)				17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)	
MS - Environmental Engineering; BS - Microbiology				PE - FL	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
Board Certified Environmental Engineer (BCEE); American Academy of Environmental Engineers and Scientists					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Deep Injection Well #2 Permit Renewal, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2020	N/A
	☑ PERFORMED WITH CDM SMITH				
	Senior Technical Advisor. CDM Smith implemented a detailed strategy for permit renewal, emphasizing data collection, evaluation, and adherence to regulatory requirements. The project included drafting and finalizing applications while addressing FDEP's requests for additional information. Historical data was reviewed to ensure all documentation met required standards. A change order consolidated the renewal applications for Injection Well #1 and #2, resulting in significant cost savings.				
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	WW Operating Permit Support, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2023	N/A
	☑ PERFORMED WITH CDM SMITH				
	Senior Technical Advisor. CDM Smith tackled FDEP's concerns by combining project management, data collection, and effective coordination with the agency. They analyzed historical water quality data and compliance issues, initiating a meeting to set project expectations. Depending on the outcomes, additional soil sampling near the monitoring network could be required. Finally, a technical memorandum summarized findings and provided justification for the arsenic level increase request.				
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Myakkahatchee Creek Water Treatment Plant Wellfield Comprehensive Hydrogeologic Evaluation, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2019	N/A
	☑ PERFORMED WITH CDM SMITH				
	Senior Technical Advisor. Salinity levels in the Myakkahatchee Creek Water Treatment Plant's aquifer wellfields have been increasing. To investigate the issue, CDM Smith created and calibrated a groundwater flow model using the USGS MODFLOW code, adapting the regional model for Sarasota and Charlotte Counties. This was further enhanced into a density-dependent model using the USGS SEAWAT code to pinpoint salinity sources. Senior technical advisor Mr. Wiseman provided expert guidance throughout the project.				
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	MITs for Deep Injection Wells, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2022	N/A
	☑ PERFORMED WITH CDM SMITH				
	Technical Reviewer. CDM Smith conducted various integrity tests for the MITs for DIWs project, including pressure tests, video surveys, and radioactive tracer surveys. The team mobilized equipment and performed all tests following FDEP regulations to ensure compliance. These tests evaluated well casing integrity and prevented fluid migration beyond the injection zone. Additionally, the project included preparing comprehensive work plans, daily progress updates, and final reports with findings and recommendations.				
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Myakkahatchee Creek Water Treatment Plant Reverse Osmosis Production Capacity Improvements, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2017	N/A
	☑ PERFORMED WITH CDM SMITH				
	Senior Technical Advisor. CDM Smith thoroughly evaluated the MCWTP RO system to identify issues preventing it from operating at its full capacity and proposed solutions. The review encompassed the treatment process, water quality data, and permits, leading to short-term programming changes in 2016 that restored system performance. Long-term recommendations included upgrading RO trains, feed pumps, and electrical infrastructure to manage higher TDS levels. These upgrades aim to ensure the system's reliable operation through 2030.				
f.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2021	N/A
	☑ PERFORMED WITH CDM SMITH				
	Senior Technical Advisor. CDM Smith conducted a thorough review of the SWWTP design at various stages (30%, 60%, 90%, and 100%). This included evaluating the RO treatment process, pretreatment, chemical addition, pumping systems, membrane systems, and corrosion control. A team of multidisciplinary experts contributed insights, ensuring the design met the City's standards and regulatory compliance. The project also involved meetings, detailed review comments, and marked-up plans to enhance design quality.				



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Carl Frizzell, PhD, PE		Water, Wastewater, Reclaimed Water Planning		A. TOTAL 20	B. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Knoxville, TN					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
PhD - Civil Engineering; MS - Civil Engineering; BS - Civil Engineering			PE - FL, AL, GA, NC, MN, SC, TN		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Wastewater Model Update - Future Flows Analysis, City of North Port, FL			PROFESSIONAL SERVICES 2024	Construction (If Applicable) N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
	<p>Hydraulic. CDM Smith employed a comprehensive approach to update the hydraulic model, incorporating data from existing service areas, future developments, and septic to sewer conversion areas. The project involved increasing the capacity of 15 pump stations and upsizing several force main segments to accommodate the projected buildout flows. The modeling scenarios included various configurations of force main capacities and booster pump stations to determine the optimal solution for the city's wastewater system. The project also considered the impact of recent events, such as Hurricane Ian, on the system's performance</p>				
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Future Development Areas Wastewater Improvements, City of North Port, FL			PROFESSIONAL SERVICES Ongoing	Construction (If Applicable) Ongoing
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
	<p>Hydraulic Engineer. CDM Smith is addressing the city's wastewater management challenges by developing a comprehensive hydraulic model of the existing system and future development areas. The project involves evaluating various scenarios to determine the most effective solutions for increasing system capacity. Key components include the installation of a new 6 MGD booster pump station and the upgrading of 16 pump stations. The project also includes detailed cost estimations for these improvements, ensuring that the city can plan and budget effectively. The use of advanced modeling techniques and close coordination with North Port Utilities staff ensures that the project meets professional standards and regulatory requirements..</p>				
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review, City of North Port, FL			PROFESSIONAL SERVICES 2021	Construction (If Applicable) N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
	<p>Hydraulic Reviewer. CDM Smith conducted a thorough review of the SWWTP design at various stages (30%, 60%, 90%, and 100%). This included evaluating the RO treatment process, pretreatment, chemical addition, pumping systems, membrane systems, and corrosion control. A team of multidisciplinary experts contributed insights, ensuring the design met the City's standards and regulatory compliance. The project also involved meetings, detailed review comments, and marked-up plans to enhance design quality.</p>				
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	City-Wide Calibrated Hydraulic Wastewater Model, City of North Port, FL			PROFESSIONAL SERVICES 2018	Construction (If Applicable) N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
	<p>Hydraulic Reviewer. CDM Smith's role in the project involved constructing a detailed hydraulic model using Bentley's SewerGEMS software. The model included approximately 64 miles of force mains, 151 miles of gravity sewers, and 110 pumping stations. The project team utilized data from the city's GIS, record drawings, and field surveys to develop the model. Key tasks included performing steady-state and extended period simulations, calibrating the model using field data, and evaluating the system under various flow conditions. The project also involved analyzing the capacity of the US 41 Corridor force main and assessing the impact of future developments on the system. The team prepared technical memoranda and reports summarizing the findings and recommendations for system improvements.</p>				
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Reclaimed Water Expansion Phase 4 City of North Port, FL			PROFESSIONAL SERVICES 2019	Construction (If Applicable) N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH		
	<p>Hydraulic Engineer. CDM Smith conducted geotechnical exploration and foundation evaluations for the Reclaimed Water Expansion Phase 4 project. Key tasks included drilling five Standard Penetration Test (SPT) borings to assess subsurface conditions and recommend suitable foundations. The project also involved designing and constructing the storage tank and pump-electrical building while addressing soil challenges and ensuring structural stability. Ground improvement methods like pre-loading surcharge, vibro-replacement, and rigid inclusions were analyzed to resolve soil settlement concerns.</p>				



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Vipin Pangasa, PE, BCEE, PMP		Water, Wastewater, Reclaimed Water Planning		A. TOTAL	34
				B. WITH CURRENT FIRM	30
15. FIRM NAME AND LOCATION (<i>City and State</i>)					
CDM Smith Inc. - Tampa, FL					
16. EDUCATION (<i>degree and specialization</i>)			17. CURRENT PROFESSIONAL REGISTRATION (<i>state and discipline</i>)		
MS - Civil (Environmental) Engineering; MS - Chemistry; BE - Civil Engineering			PE - FL, PMP, BCEE		
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>):					
Project Management Professional (PMP); Board Certified Environmental Engineer (BCEE), American Academy of Environmental Engineers and Scientists					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Miscellaneous Engineering Services for Water, Wastewater, and Reclaimed Water, Hillsborough County, FL			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"/> PERFORMED WITH CDM SMITH				
<p>Project Manager. Since 2001, Vipin has served as the client contact for multiple projects under the miscellaneous services contract with Hillsborough County. His responsibilities include working with the County to develop scope and fee proposals, project negotiations, work authorization, and managing the implementation of these work orders for CDM Smith. Projects include design and construction services for the County's Biosolids Composting Facility; Lithia WTP conversion to hypochlorite feed system; South County AWWTF Capacity Re-rate study; CR 672 force main construction; NW Biosolids HVAC assessment; Miller Mac MPS structural repair; Big Bend master pump station design; Big Bend MPS construction phase services; NW Bio-solids GBT rehab; NWSA Consolidation Study for Regional Facility; Lake Park WTP brine tank; NWRWRF CCC slide gates replacement; NW six pump station refurbishments; and many others.</p>					
b.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Southeast Landfill Bio-solids Composting Facility Conceptual Design and Final Design and Engineering Services During Construction, Hillsborough County, FL			PROFESSIONAL SERVICES 2020	Construction (<i>If Applicable</i>) 2020
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH				
<p>Project Manager. Vipin led the CDM Smith project team on the conceptual and final design, and construction phase of a brand-new biosolids composting facility located at County's Southeast Landfill site. The project was based on a successful pilot completed by the County and included partnership between PUD and the Public Works Departments, combining the synergies to process biosolids from County's WWTPs in composting practice by mixing with yard wastes collected by the Solid Waste Division to get beneficial use. The work authorization included designing alternative layouts for the new composting facilities while programming space for near term and long-term operations for active composting, compost curing and drying, traffic engineering, storage of yard waste, finished compost, inoculant, etc. In addition, the design included management of wastewater and stormwater, structural design including canopies, electrical design, geotechnical investigations, and survey. The project required site development permit, ERP modification permit, biosolids composting facility permit, new limited use well permit, and a waste tire processing site re-location permit.</p>					
c.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Design/CMAR of South AWWTF (SAWWTF) High-Level Disinfection Upgrades, City of Fort Myers, FL			PROFESSIONAL SERVICES 2020	Construction (<i>If Applicable</i>) Ongoing
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH				
<p>Project Manager. Vipin led the evaluation and design of the improvements to the SAWWTF needed to produce reclaimed water, including design of a new 12-mgd high-level disinfection facility (through disk filtration and chlorination). He performed the preliminary design, final design, and FDEP wastewater permitting services for the entirety of this project. Upon completion, the SAWWTF will be able to produce up to 12 mgd of reclaimed water. Future phases will further expand the facility to produce up 36 mgd to eliminate discharge of treated effluent to the Caloosahatchee Estuary.</p>					
d.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Shady Hills WWTP Design Improvements, Pasco County, FL			PROFESSIONAL SERVICES 2019	Construction (<i>If Applicable</i>) 2019
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH				
<p>CDM Smith provided design, bid, and construction-phase engineering services for the improvements recommended at this 14-mgd (AADF) facility. This work was performed under two contracts with Vipin leading the CDM Smith team. Contract 1 work is complete and in operation, and includes new 42-mgd internal recycle pumps with suction and discharge piping, as well as new flow meter for effluent flow measurement and chlorination control.</p>					



SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Michael Graham, PE		Electrical & Instrumentation/ Controls		A. TOTAL	32
				B. WITH CURRENT FIRM	27
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Tampa, FL					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
BS - Mechanical Engineering			PE - FL, TN, MN		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review and Assistance, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2023	2023
☑ PERFORMED WITH CDM SMITH					
<p>Instrumentation Engineer. CDM Smith reviewed the SWWTP project's design documents for accuracy and compliance with industry standards while providing project management, submittal reviews, and engineering support during construction. They conducted 15 site visits to monitor progress, offered operational recommendations, and oversaw the plant's start-up and commissioning. Advanced reverse osmosis (RO) technology was utilized to address the high TDS levels in groundwater effectively.</p>					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review, City of North Port, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2021	N/A
☑ PERFORMED WITH CDM SMITH					
<p>Instrumentation Engineer. CDM Smith conducted detailed design reviews at various stages, evaluating aspects like reverse osmosis treatment, pretreatment, pumping systems, and blending processes. A multidisciplinary team of experts ensured compliance with city standards through meetings, review comments, and marked-up plans. Their efforts focused on delivering a design that met regulatory requirements and optimized system performance.</p>					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Progressive Design-Build of Three Oaks AWWTF Expansion, Lee County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2022	Ongoing
☑ PERFORMED WITH CDM SMITH					
<p>Lead I&C Engineer. Michael is Lead I&C Engineer for this \$48 million project to expand the plant to 24.75 mgd along with conversion to AWT standards meeting 3 mg/L TN and 1 mg/L TP. Final design services included the design of a two new bar screens, a 2.0-mgd oxidation ditch process train, two new deep bed filters, conversion of the deep bed filters to denitrification filters, expansion of both chlorine contact facilities, pumping upgrades, two new chemical storage and feed facilities, and a new electrical building and standby generator. He was specifically responsible for the automation design, EOR, construction services, and field inspection services for the Three Oaks WWTP Oxidation Ditch Improvements project.</p>					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Shady Hills WWTP Design Improvements, Pasco County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2019	2019
☑ PERFORMED WITH CDM SMITH					
<p>Instrumentation Engineer. Michael was the instrumentation engineer for the improvements at the Shady Hills WWTP. The improvements included a new 17-mgd internal recycle pump station and piping, effluent flow metering, headworks odor control, improved process control for the activated sludge process, and new storage and mixing systems for the fats, oils, grease (FOG) facility. He was specifically responsible for the automation design, EOR, and construction services for the Shady Hills WWTP improvements.</p>					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Southwest WRF Expansion CMAR, JEA, Jacksonville, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			Ongoing	Ongoing
☑ PERFORMED WITH CDM SMITH					
<p>Lead I&C Engineer. The expansion to this 16-mgd WRF included a new 5-stage Bardenpho treatment train and two new secondary clarifiers. A calibrated BioWin model was developed and utilized for the expansion to predict effluent quality. The facility has an effluent TN goal of 5 mg/L. Automation design services included development of the control block diagram (system architecture) drawings that showed the modifications to the SW WRF's existing SCADA network, including a control block diagram demolition plan to indicate to the contractor which areas of the existing network would need to be part of the maintenance of plant operations while the new SCADA components were installed.</p>					



Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Cynthia Stellmack, PE		Electrical & Instrumentation/ Controls		A. TOTAL	44
				B. WITH CURRENT FIRM	21
15. FIRM NAME AND LOCATION (<i>City and State</i>)					
CDM Smith Inc. - Maitland, FL					
16. EDUCATION (<i>degree and specialization</i>)			17. CURRENT PROFESSIONAL REGISTRATION (<i>state and discipline</i>)		
BS - Electrical Engineering			PE - FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>):					
Awards: Association of State Dam Safety Officials - Innovative Rehabilitation Designer of the Year Award					
Training:					
<ul style="list-style-type: none"> ■ Various Trainings & Workshops, Association of State Dam Safety Officials ■ Various Trainings & Workshops, U.S. Society on Dams 					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)				(2) YEAR COMPLETED	
Southwest Water Treatment Plant Design Review and Assistance, City of North Port, FL				PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
				2023	2023
3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
a.	<p>Electrical Engineer. CDM Smith reviewed the SWWTP project's design documents for accuracy and compliance with industry standards while providing project management, submittal reviews, and engineering support during construction. They conducted 15 site visits to monitor progress, offered operational recommendations, and oversaw the plant's start-up and commissioning. Advanced reverse osmosis (RO) technology was utilized to address the high TDS levels in groundwater effectively.</p>				
(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)				(2) YEAR COMPLETED	
Southwest Water Treatment Plant Design Review, City of North Port, FL				PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
				2021	N/A
3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
b.	<p>Electrical Engineer. CDM Smith conducted detailed design reviews at various stages, evaluating aspects like reverse osmosis treatment, pretreatment, pumping systems, and blending processes. A multidisciplinary team of experts ensured compliance with city standards through meetings, review comments, and marked-up plans. Their efforts focused on delivering a design that met regulatory requirements and optimized system performance.</p>				
(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)				(2) YEAR COMPLETED	
Myakkahatchee Creek Water Treatment Plant Reverse Osmosis Production Capacity Improvements, City of North Port, 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"/> PERFORMED WITH CDM SMITH			
c.	<p>Electrical Engineer. CDM Smith addressed structural issues in the MC WTP Phase 2 Improvements through the design and construction of repairs for critical components like Clearwell #1, Pump Room #1, and the Chemical Feed Building. Engineering services included creating complete construction drawings, aiding the bidding process, and providing construction support. Collaboration with the City of North Port ensured adherence to local standards, while innovative technologies enhanced the infrastructure's durability and efficiency.</p>				
(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)				(2) YEAR COMPLETED	
Florida Governmental Utility Authority (FGUA)/Lee County Utilities Waterway Estates Interconnect, City of Fort Myers, FL				PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
				2011	2011
3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
d.	<p>Electrical Design Engineer. Ms. Stellmack provided the electrical design for the two wastewater lift stations associated with this project. The project challenges included multiple stakeholder utilities, changed construction contractual methods, scope changes, budget constraints, and a tight design schedule.</p>				
(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)				(2) YEAR COMPLETED	
Wastewater Treatment Plant Improvements, City of Punta Gorda, FL				PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
				2022	N/A
3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			
e.	<p>Electrical Engineer. Ms. Stellmack provided the conceptual and preliminary designs for this project. She continued on the project through 60 percent design with senior technical advice and the initial electrical specifications. Her previous evaluation of the plant in 2018 identified the need to replace the main 480-volt electrical service and original motor control centers. This project includes those upgrades along with wastewater process improvements. Project scope includes new bioreactor trains, new secondary clarifiers and associated RAS/WAS pump stations, new tertiary filters, aeration improvements to existing primary and secondary digesters, effluent pumping upgrades, a new main electrical/generator building, and a new walk-in electrical power house.</p>				



S E C T I O N

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Daniel Pitts, PE		Geotechnical		A. TOTAL 14	B. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Atlanta, GA					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MCE - Geotechnical Engineering; BS - Civil Engineering			PE - GA		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Central Advance Wastewater Treatment Facility (CAWWTF) Surface Water Discharge Elimination Progressive Design-Build, City of Fort Myers, FL			PROFESSIONAL SERVICES Ongoing	Construction (If Applicable) Ongoing
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
<p>Geotechnical Lead. Mr. Pitts served as the geotechnical lead for the Progressive Design Build (PBD). Mr. Pitts coordinated the subsurface investigation program using a local geotechnical subcontractor for the addition of new structures, pump stations, yard piping, and site grading. He performed a review of the Geotechnical Data Report and prepared the Geotechnical Interpretive Report. Mr. Pitts utilized ground improvement and for support of shallow foundations using rigid inclusions. Mr. Pitts will prepare the geotechnical-related specifications and contract drawings and manage geotechnical construction services including rigid inclusion field oversight and review of submittals/RFIs.</p>					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Riviera Beach Utility Special District Water Treatment Facilities Progressive Design-Build, Riviera Beach, FL			PROFESSIONAL SERVICES Ongoing	Construction (If Applicable) Ongoing
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
<p>Geotechnical Lead. Mr. Pitts served as the geotechnical lead for the Progressive Design Build (PBD). Mr. Pitts coordinated the subsurface investigation program using a local geotechnical subcontractor for the addition of twenty new structures/tanks, yard piping, and site grading at the Avenue L site, two new structures at Avenue U site, and the addition of eight groundwater supply wells and approximately 16,500 feet of raw water transmission main. He performed a review of the Geotechnical Data Report and prepared Geotechnical Interpretive Reports for the Avenue L and U sites, and the Raw Water Transmission Main. Mr. Pitts utilized shallow foundations and ground improvement and for support of shallow foundations using aggregate piers. Mr. Pitts prepared the geotechnical-related specifications and contract drawings and will manage geotechnical construction services including ground improvement field oversight and review of submittals/RFIs.</p>					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Drayage Road Naval Base Intermodal Facility (NBIF), Palmetto Railways, Charleston, SC			PROFESSIONAL SERVICES 2022	Construction (If Applicable) 2022
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
<p>Geotechnical Engineer. Drayage Road will be approximately one mile in length and will cross tidal marsh land with highly compressible soils. Working with geotechnical subsurface data, Mr. Pitts performed settlement and global stability analyses for proposed roadway embankments to develop construction and staging plans within a constrained schedule. Mr. Pitts also led the design of foundations for the proposed 14-span, approximately 1,550-foot long bridge supported on drilled shaft foundations.</p>					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Georgia Bridge Bundle, SR 136 at Talking Rock Creek, Pickens County, GA			PROFESSIONAL SERVICES 2023	Construction (If Applicable) N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
<p>Geotechnical Engineer. Mr. Pitts conducted a geotechnical exploration for the soil survey and the bridge foundation investigation (BFI) for (PI 0013827) SR 136 at Talking Rock Creek, Pickens County. Mr. Pitts conducted the field and laboratory work as well as leading the BFI for the foundation design of the bridges working closely with the GDOT Geotechnical Bureau.</p>					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	I-526 at Long Point Road Interchange Improvements, Mount Pleasant, South Carolina Department of Transportation, Columbia, SC			PROFESSIONAL SERVICES 2023	Construction (If Applicable) N/A
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH	
<p>Geotechnical Task Manager. The proposed interchange improvements at I-26 at Long Point Road were evaluated and carried through the NEPA process by CDM Smith. Mr. Pitts managed the geotechnical field exploration and laboratory testing program, and the preliminary evaluations and analyses for the Geotechnical Baseline Report.</p>					



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Stephen Whiteside, PE		Geotechnical		A. TOTAL	50
				B. WITH CURRENT FIRM	25
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Raleigh, NC					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MS - Geotechnical Engineering; BS - Civil Engineering			PE - FL, MA, NC, SC, VA, GA, AL, KY, LA and AR		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
Awards: Association of State Dam Safety Officials – Innovative Rehabilitation Designer of the Year Award					
Training:					
<ul style="list-style-type: none"> ■ Various Trainings & Workshops, Association of State Dam Safety Officials ■ Various Trainings & Workshops, U.S. Society on Dams 					
19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Three Oaks WWTP Oxidation Ditch Improvements, Lee County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2016	N/A
	<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH Geotechnical Engineer. Mr. Whiteside was the geotechnical engineer and project manager for the \$31.5M oxidation ditch improvement study and final design that assessed the overall treatment capacity of this 6.0 mgd facility due to increased biological loadings to the facility over the past several years. The assessment included evaluation of the facility headworks, oxidation ditches, brush aeration system, secondary clarifiers, filters, disinfection system, sludge holding tanks, belt filter presses, reclaimed water pumping and storage, and deep well injection. BioWin™ modeling of the secondary treatment process was done to validate and support design decisions. Final design services included the design of a new 2.0 mgd oxidation ditch process train, three secondary clarifiers, and two new sludge pump stations. This project was delivered through CMAR and successfully constructed.				
	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Manatee Plant Cooling Pond Embankments, Manatee County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			Ongoing	N/A
	<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH Geotechnical Engineer. Mr. Whiteside was the geotechnical engineer for the evaluation of the condition of the soil cement upstream slope protection on embankments that impound the cooling pond at the Florida Power & Light Manatee Plant in Manatee County, Florida.				
	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Membrane Filtration Pretreatment Improvements, Pinellas County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2020	N/A
	<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH Geotechnical Engineer. The 2.5-mgd industrial water treatment plant (IWTP) located at Pinellas County's Bridgeway Acres Landfill (BWA) utilizes alum clarification, microfiltration (MF), and reverse osmosis (RO) to treat pond water for use by the Waste-to-Energy (WTE) facility on site. However, performance constraints with the existing solids contact clarifier system have restricted the IWTP MF system from attaining its full design production capacity, resulting in issuance of a Consent Order (CO) requiring the facility attain its full capacity in fewer than 24 months. Pinellas County retained CDM Smith to identify a solution to help the County comply with the CO.				
	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Bridgeway Acres Landfill, Pinellas County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			Ongoing	Ongoing
	<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH Engineer of Record. Mr. Whiteside is the Engineer of Record for the evaluation and rehabilitation design and construction for slope failures in the stormwater ditch at the landfill. CDM Smith performed a geotechnical investigation and designed rehabilitation measures including repairing the slope with new backfill reinforced with geogrids and replacement of the HDPE ditch liner.				
	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Pinellas County Channels, Pinellas County, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			2011	N/A
	<input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH Mr. Whiteside was the geotechnical engineer for the evaluation of two channels in Pinellas County. For Channel 5, he provided a design for an anchored Armorflex protection on a very steep slope. For Channel 1-B-5, he provided consultation for the rehabilitation and replacement of failing channel protection.				



SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Samir Mathur, PE, BCEE		QA/QC - Technical Reviewer		A. TOTAL	33
				B. WITH CURRENT FIRM	31
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Dallas, TX					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MS - Environmental Engineering; MS - Physics; BS - Mechanical Engineering			PE - TX		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
Board Certified Environmental Engineer (BCEE); American Academy of Environmental Engineers and Scientists					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Water Reclamation Facility Upgrade Design, City of Kissimmee, Orlando, FL			PROFESSIONAL SERVICES	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			N/A	
<p>Project Engineer. For the City of Kissimmee's water reclamation facility (WRF) in Orlando, Florida, Mr. Mathur was involved in the preparation of final design documents for upgrade of the facility to 12 mgd. He executed design calculations, specifications, and cost estimates for various pumping and secondary systems.</p>					
b.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Lime System Improvements Project, Ann Arbor, MI			PROFESSIONAL SERVICES	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			2014 N/A	
<p>Technical Advisor. This project involved the replacement of three continuous feed lime slakers at the 50-mgd Ann Arbor Water Treatment Plant. Mr. Mathur evaluated the alternatives for slaker replacement on a cost and non-cost basis. These alternatives included continuous, paste, and batch type slakers. Mr. Mathur also assisted in the detailed design of the new slakers which involved installing new slaker in a very limited area.</p>					
c.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Chlorine and Ammonia Improvements Design, Park Cities Municipal Utility District, Dallas, TX			PROFESSIONAL SERVICES	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			N/A	
<p>Project Manager. Mr. Mathur was the project manager for the design of new sodium hypochlorite and liquid ammonium storage and feed facilities for the Park Cities Municipal Utility District. The design included two new 10,000-gallon sodium hypochlorite tanks, two new 5,000 gallon liquid ammonium sulfate tanks, and a new CMU building for the metering pumps.</p>					
d.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Ullrich Water Treatment Plant Lime System Design, City of Austin, TX			PROFESSIONAL SERVICES	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			N/A	
<p>Task Leader. Mr. Mathur served as the task leader for the design of a new lime system at the Ullrich Water Treatment Plant for the City of Austin, Texas. The plant was upgraded from 100 mgd to 160 mgd. Mr. Mathur designed a new lime slaking system using a batch process to accurately control the slaking and feed process. He was also responsible for coordinating the design of a new five-story building to house the new lime storage and feed equipment.</p>					
e.	(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)			(2) YEAR COMPLETED	
	Water Treatment Plant Upgrade Preliminary Design, City of Terrell, TX			PROFESSIONAL SERVICES	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> PERFORMED WITH CDM SMITH			N/A	
<p>Project Engineer. For the water treatment plant at the City of Terrell, Texas, Mr. Mathur was involved in the preliminary design to upgrade the plant from 6 mgd to 10 mgd. He was involved in evaluating all plant processes, including plant hydraulics, rapid mixing, flocculation and sedimentation, filtration, and chemicals. Mr. Mathur authored technical memoranda that described alternatives for improvements to the plant processes.</p>					



E SECTION

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME		13. ROLE IN THIS CONTRACT		14. TOTAL YEARS EXPERIENCE	
Craig Montgomery, PE		QA/QC - Technical Reviewer		A. TOTAL	36
				B. WITH CURRENT FIRM	36
15. FIRM NAME AND LOCATION (<i>City and State</i>)					
CDM Smith Inc. - Tampa, FL					
16. EDUCATION (<i>degree and specialization</i>)			17. CURRENT PROFESSIONAL REGISTRATION (<i>state and discipline</i>)		
ME – Environmental Engineering; BS – Environmental Engineering			PE - FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>):					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review and Assistance, City of North Port, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			2023	2023
☑ PERFORMED WITH CDM SMITH					
<p>Project Engineer. CDM Smith reviewed the SWWTP project's design documents for accuracy and compliance with industry standards while providing project management, submittal reviews, and engineering support during construction. They conducted 15 site visits to monitor progress, offered operational recommendations, and oversaw the plant's start-up and commissioning. Advanced reverse osmosis (RO) technology was utilized to address the high TDS levels in groundwater effectively.</p>					
b.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Southwest Water Treatment Plant Design Review, City of North Port, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			2021	N/A
☑ PERFORMED WITH CDM SMITH					
<p>Project Engineer. CDM Smith conducted detailed design reviews at various stages, evaluating aspects like reverse osmosis treatment, pretreatment, pumping systems, and blending processes. A multidisciplinary team of experts ensured compliance with city standards through meetings, review comments, and marked-up plans. Their efforts focused on delivering a design that met regulatory requirements and optimized system performance.</p>					
c.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Underdrain Systems Improvements for the Toytown Class I Closed Landfill, Pinellas County, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			2016	
☑ PERFORMED WITH CDM SMITH					
<p>Project Engineer. Mr. Montgomery was part of the design team that designed and permitted a complete replacement of the underdrain system at the closed Toytown Landfill. The project included approximately 13,400 lineal feet of new underdrains and force mains, and five duplex lift stations. Mr. Montgomery served initially as a technical reviewer of the ten percent design report and 30 percent design submittals. He then transitioned to become part of the design team during the final design phase. His primary responsibilities included civil and process-mechanical design for major elements of the project.</p>					
d.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	Town of Belleair Wastewater System Acquisition, Pinellas County, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			2007	2007
☑ PERFORMED WITH CDM SMITH					
<p>Senior Project Engineer. Pinellas County acquired Belleair's wastewater collection system and WWTP, agreeing to decommission the WWTP and build a new pump station and force main to route wastewater to South Cross Bayou WWTP, per an FDEP Consent Order. The County also agreed to construct a reclaimed water main for golf course irrigation. Mr. Montgomery led the design of the new wastewater pump station, which was completed in 2007, featuring a 2.5-mgd capacity, a 12-foot diameter wet-well, three 100-hp variable-speed submersible pumps, an electrical/generator building, and a bio filter odor control system.</p>					
e.	(1) TITLE AND LOCATION (<i>City & State</i>) • ROLE • BRIEF DESCRIPTION (<i>Scope, Size, Cost, etc.</i>)			(2) YEAR COMPLETED	
	South and Central Wastewater Expansion Study, Hillsborough County, FL			PROFESSIONAL SERVICES	Construction (<i>If Applicable</i>)
	3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE			2020	N/A
☑ PERFORMED WITH CDM SMITH					
<p>Project Engineer. CDM Smith has been working closely with County planning and engineering, as well as the assistant County administrator and director-level staff to validate County proposed solutions to provide water and wastewater utilities to a growing population. We assisted in feasibility analysis of developing pipeline routes, flow requirements, plant capacity requirements, and other strategies for addressing the County's capacity needs. We leveraged our considerable knowledge to inform this project's implications for Southern Hillsborough County.</p>					



S E C T I O N

Resumes of Key Personnel Proposed for This Contract

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

12. NAME	13. ROLE IN THIS CONTRACT	14. TOTAL YEARS EXPERIENCE			
Stewart Magenheimer, PG, PMP	QA/QC - Technical Reviewer	A. TOTAL	40	B. WITH CURRENT FIRM	36
15. FIRM NAME AND LOCATION (City and State)					
CDM Smith Inc. - Boca Raton, FL					
16. EDUCATION (degree and specialization)			17. CURRENT PROFESSIONAL REGISTRATION (state and discipline)		
MS - Geology; MBA - Business Administration; BS - Geology			PG - FL		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.):					
Project Management Professional (PMP)					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
Deep Injection Well # 2 Permit Renewal, City of North Port, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE				2020	N/A
☑ PERFORMED WITH CDM SMITH					
<p>Technical Reviewer. CDM Smith addressed permit renewal requirements by collecting and reviewing historical data, preparing permit applications, and responding to FDEP queries. Tasks included ensuring regulatory compliance and combining applications for Injection Wells #1 and #2, leading to cost savings. Their thorough approach streamlined the process and optimized resources effectively.</p>					
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
Collier County Wellfield Reliability Improvements and Expansion Program, Collier County, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
☑ PERFORMED WITH CDM SMITH					
<p>Technical Reviewer. Mr. Magenheimer served as the technical review for an 11-year contract with Collier County to initiate a new wellfield program. The program was a large-scale engineering and hydrogeological project to develop all raw water supply wellfields for the 240-square-mile service area. Mr. Magenheimer's responsibilities includes reviewing design deliverables.</p>					
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
Irrigation Quality Water (Supplemental Supply) Wellfield Rehabilitation, Collier County, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
☑ PERFORMED WITH CDM SMITH					
<p>Technical Reviewer. To enhance system reliability and meet irrigation quality water demands, CCPUD enlisted CDM Smith to evaluate two supplemental IQ water wellfields. CDM Smith analyzed operational data, performed reviews, and recommended rehabilitation activities to boost wellfield capacity. They prepared bid specifications, oversaw construction, and collaborated with CCPUD to assess the capacity improvements achieved through the rehabilitations. Mr. Magenheimer served as technical reviewer for this project responsible for development of the specifications, assisting CCPUD in procuring the work and management of the construction phase services, including oversight of the field inspector.</p>					
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
North County Regional Water Treatment Plant (NCRWTP) Freshwater/Reverse Osmosis (RO) Blend Connection, Well Abandonment, Collier County, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
☑ PERFORMED WITH CDM SMITH					
<p>Technical Reviewer. Mr. Magenheimer serves as technical reviewer for the preparation of a bid package for the abandonment of nine wells located at the NCRWTP.</p>					
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
IQ Wellfield Rehabilitation - Construction Phase Services, Collier County, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
☑ PERFORMED WITH CDM SMITH					
<p>Technical Reviewer. Mr. Magenheimer served as a technical reviewer for field inspection services that include drill out of Mule Pen Wells 1, 3, and 5; chlorination of Mule Pen Wells 1 through 6; acidification of Livingston Road Wells 1 through 6; final completion walk-through for each wellfield; and additional site visits requested by the County.</p>					
(1) TITLE AND LOCATION (City & State) • ROLE • BRIEF DESCRIPTION (Scope, Size, Cost, etc.)				(2) YEAR COMPLETED	
North County Water Reclamation Facility (NCWRF) IW-1 and IW-2 MITs, South County Water Reclamation Facility (SCWRF) IW-2 MIT, and North County Water Treatment Plant (NCRWTP) IW-1 and IW-2 MITs, Collier County, FL				PROFESSIONAL SERVICES	Construction (If Applicable)
3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE					
☑ PERFORMED WITH CDM SMITH					
<p>Technical Reviewer. Mr. Magenheimer served as the technical reviewer for the mechanical integrity testing of the injection wells. He was responsible for reviewing project deliverables.</p>					



Tab 4
Proficiency with
Similar Services/
Projects

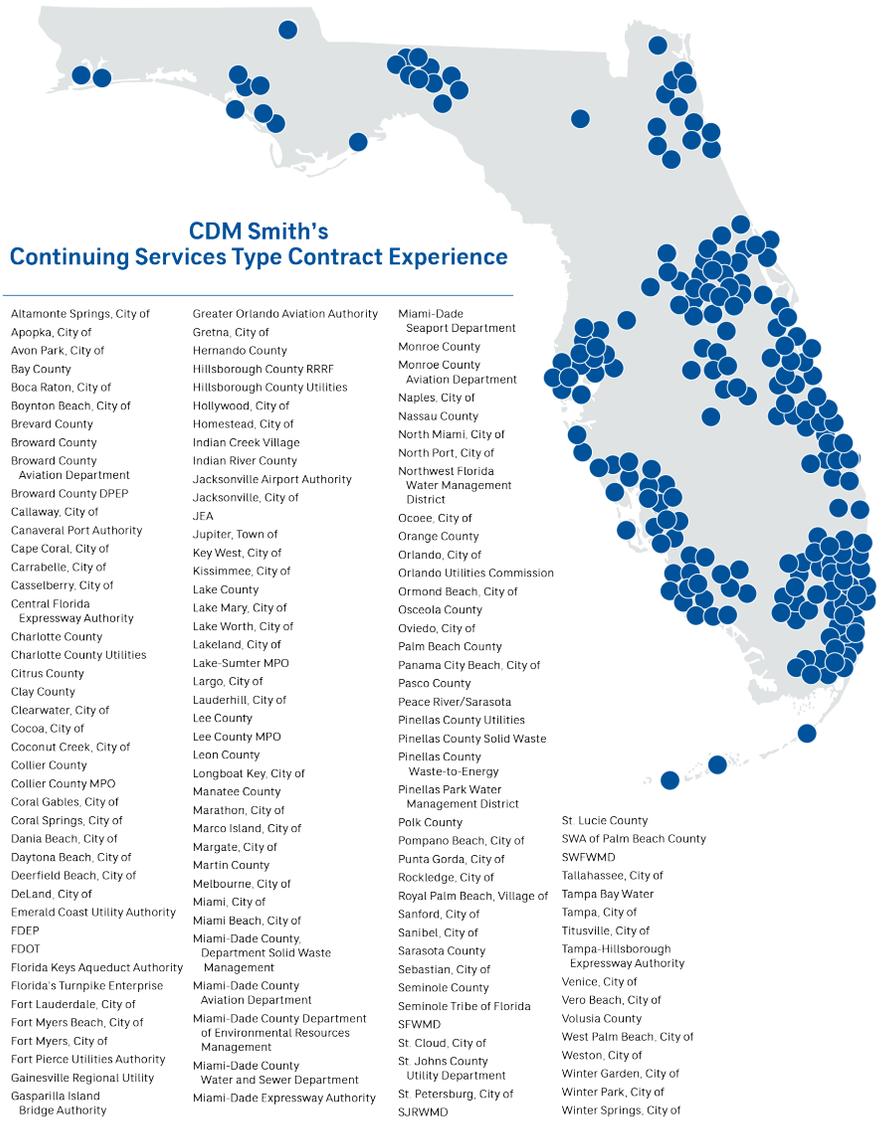


Proficiency with Similar Services/Projects

Nearly 50 Years of Providing Comprehensive Engineering Solutions in Florida

The City will benefit from CDM Smith’s extensive experience with continuing service contracts, including more than 150 government entities throughout Florida, as shown in the Figure below. The services provided under these contracts vary by client and cover the full range of services offered by CDM Smith. We will pool the project knowledge gained from our experts working on contracts and projects like yours across the state and nation to provide the City with the most innovative and cost saving solutions. We provide complete in-house services, including water and wastewater treatment; wells and wellfields, water distribution and sewer collection systems; pump stations; control, mechanical, electrical, and structural systems; civil engineering; and more. Services include but are not limited to:

- Potable Water
- Reclaimed Water and Wastewater
- Pumping/Lift Stations
- Sewer Collection Systems
- Distribution/Transmission Systems
- Construction Engineering and Inspection
- Stormwater
- Value Engineering/ Cost Estimating
- Hydraulics/Modeling
- Planning Services
- Site Inspection/Resident Project Representative (RPR)
- Structural
- HVAC and Mechanical Systems
- Environmental/Permitting
- Financial/State Revolving Fund Loans
- Asset Management
- Owners’ Advisor Services
- Construction Engineering and Inspection (CEI)/Transportation



CDM Smith's continuing services contracts in Florida cover a wide range of services, including the County's scope for this contract.

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
Utilities Engineering Services Continuing Contract, North Port, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	Ongoing
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER	
City of North Port	Michael Acosta, PE	941.628.8179	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			PROJECT COST:
			Varies by task

Length of Contract: 2016 - Ongoing

CDM Smith was retained by the City of North Port to provide continuing engineering services for all aspects of utilities infrastructure and facilities management. Under this contract, our team provides services that include Civil; Structural; Mechanical; Electrical; Environmental; Geotechnical; Surveying; Instrumentation and Controls (SCADA); Project Management; Water Treatment (surface and groundwater); Wastewater Treatment; Water Distribution; Wastewater Collection and Transmission; and, Construction Management and Construction Engineering Inspection (CEI). Example projects include:

Deep Injection Well #2 Permit Renewal: CDM Smith adopted a thorough process for permit renewal, involving data collection, evaluation, and preparation of draft and final applications. They responded to FDEP's queries and ensured compliance with regulatory standards. A change order was introduced to combine applications for two injection wells, achieving notable cost savings. This approach streamlined tasks and addressed all renewal requirements efficiently.

2023 Wastewater Model Update-Future Flows Analysis: CDM Smith updated the hydraulic model by integrating data from service areas, future developments, and septic-to-sewer conversion zones. The project enhanced 15 pump stations and upsized several force mains to handle projected flows. Various modeling scenarios optimized the city's wastewater system, factoring in force main capacities and booster pumps. It also addressed impacts from Hurricane Ian on system performance.

Future Development Areas Wastewater Improvements: CDM Smith is tackling wastewater challenges with a hydraulic model covering existing and future systems. The project includes installing a 6 MGD booster pump station, upgrading 16 pump stations, and providing cost estimates for efficient budgeting. Various scenarios are evaluated to optimize system capacity and performance. Close collaboration with North Port Utilities ensures regulatory compliance and professional standards.

Southwest Water Treatment Plant Improvements: CDM Smith's role in the SWWTP project involved a comprehensive review of the 100% design documents, ensuring technical accuracy and compliance with industry standards. The scope of work included project management, submittal reviews, site visits, and engineering support during construction. The

Relevant 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

team conducted up to 15 site visits to monitor construction progress and provided detailed reports. Additionally, CDM Smith reviewed operations and maintenance manuals, witnessed the start-up and commissioning of the plant, and offered recommendations for plant operations. The project utilized advanced reverse osmosis (RO) technology to address the high TDS levels in the groundwater.

Wastewater Operating Permit Support: CDM Smith addressed FDEP concerns through project management, coordination meetings, and data collection on water quality and compliance issues. Soil sampling was considered based on coordination outcomes. A summary technical memorandum was prepared to present findings and justify the requested arsenic level increase. Advanced planning and communication ensured the project's alignment with regulatory expectations.

Myakkahatchee Creek Water Treatment Treatability Evaluation: CDM Smith evaluated the MCWTP infrastructure and water quality data, testing six desalination methods to identify optimal RO pretreatment. Alternatives included ultrafiltration membranes, ceramic ultrafiltration, and other innovations, considering seasonal water quality, site constraints, and feasibility. The project aimed to optimize treatment and cut costs by eliminating unnecessary components. This thorough analysis ensured effective and efficient solutions.

2017 Water Transmission Expansion Project: CDM Smith applied MODFLOW and SEAWAT modeling to pinpoint salinity sources and create a targeted solution. The project included constructing a 16-inch water main along Tamiami Trail and linking it to existing infrastructure. Topographic surveys, geotechnical studies, and detailed design documents supported the effort. This approach enhanced the distribution system's performance and reliability.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
(1) FIRM NAME		(2) FIRM LOCATION (City and State)		(3) ROLE	
a.	CDM Smith	a.	Sarasota, FL	a.	Prime
b.	CDM Smith	b.	Fort Myers, FL	b.	Engineering Support
c.	CDM Smith	c.	Tampa, FL	c.	Engineering Support
d.	CDM Smith	d.	Boca Raton, FL	d.	Engineering Support
e.	CDM Smith	e.	Orlando, FL	e.	Engineering Support

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Miscellaneous Engineering Services, Hillsborough County, 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
Hillsborough County	Richard Harrison, Project Manager		813.599.5782
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			PROJECT COST:
			Varies by task

Length of Contract: 2001 - Ongoing

CDM Smith was retained by Hillsborough County to provide continuing engineering services for water, wastewater, and water reuse services. Under this contract, our team provided a variety of professional engineering services on an as-needed basis for more than 60 projects. The types of projects delivered under this contract have varied greatly and include conceptual, preliminary, and final design; permitting, bidding, and construction phase services for water and wastewater treatment plants, reclaimed storage, and pump stations, sewer and force main rehabilitations, water main, and reclaimed main installations. Example projects include:

Valrico AWWTF Headworks Odor Control System Evaluation and Improvements: Assessed and developed recommendations to improve the performance of odor control system (bio-trickling filter), mitigate the corrosion-related challenges, and provide for a safer working environment at the Valrico AWWTF headworks. The existing headworks has experienced challenges with widespread corrosion that has resulted in safety concerns as well as early failures of the equipment and infrastructure. The services include review of existing data, perform field sampling, data analysis, define odor control system design criteria, corrosion assessment, and developing conceptual design and improvements recommendations.

Valrico AWWT to Falkenburg AWWT Reclaimed Water Transfer: Hillsborough County Water Resource Department is proposing to divert reclaimed water from the Valrico Advanced Wastewater Treatment facility to a ground storage tank (GST) at the Falkenburg AWWT facility for distribution to the South service area. The Water Resources Department is proceeding with a project to divert approximately 4 mgd from the Falkenburg AWWT facility to the Valrico AWWT facility, consequently requiring the ability for the reclaimed water operating group to be able to transfer reclaimed water from the Valrico facility to Falkenburg.

Pipe Break Data Analysis: CDM Smith provided professional services to develop a process and supporting computerized scripts to combine data from several thousand, separate Microsoft Excel spreadsheets containing water main shut off records. This work will provide a combined dataset that

Relevant 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

will be used by County staff in the future to analyze water main failures over time. Also, scoping, piloting, selection, and implementation support for a third-party vendor to develop a predictive model for water main breaks. Overall, the project will aid the County in proactive infrastructure management and optimization of any future replacement program. Advanced analytics can shed light on which buried assets are most likely to fail and therefore are a crucial first step and input to an efficient and justified pipe replacement program.

Biosolids Composting Facility: Provided engineering services for the design of a brand new biosolids composting facility located at the County's Southeast Landfill. CDM Smith performed the final design and permitting for the biosolids composting facility.

South County AWWTF Re-rate Study: Performed a capacity evaluation for the SCAWWTF, which is currently permitted for an AADF of 10 mgd. This capacity evaluation serves as the first step toward the goal of potentially re-rating the facility to a higher permitted treatment capacity.

Drone-Based Vegetation Assessment: Assisted the County through the use of multispectral sensors, drones, and machine learning to map the extents of exotic species and track changes over time.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE	
a. CDM Smith	a. Tampa, FL	a. Prime	
b. CDM Smith	b. Sarasota, FL	b. Engineering Support	
c. CDM Smith	c. Fort Myers, FL	c. Engineering Support	
d. CDM Smith	d. Boca Raton, FL	d. Engineering Support	
e. CDM Smith	e. Orlando, FL	e. Engineering Support	

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Utility Services Continuing Contract, Cape Coral, 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 Cape Coral	Jeff Pearson		239.574.0700
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			PROJECT COST:
			Varies by task

Length of Contract: 1992 - Ongoing

CDM Smith has performed general utility services for the City of Cape Coral under an ongoing continuing services contract that, to date, has included design, permitting, funding support, modeling, master planning, value engineering, grant administration, bidding, and construction phase services for various utility improvement and expansion projects, the most relevant of which have been summarized in the following sections.

Hydraulic Modeling Assistance for Potable Water, Reclaimed Water, and Wastewater Piping Systems: The City has computer hydraulic models of its potable water (CYBERNET), reclaimed water (CYBERNET), wastewater force mains, and gravity sewers (SewerCAD). The hydraulic models are used to evaluate the hydraulics of the piping systems and to predict impacts of new customer demands. CDM Smith was asked by the City to assume the maintenance of the existing hydraulic models. This work included evaluating up to three commercially-available hydraulic models for the City and providing training on hydraulic models to City staff in order to have the City ultimately take over the maintenance, updating, and operation of the hydraulic models. Models evaluated included KYPipe2000, H2Onet, and CYBERNET.

Raw Water Supply Well #225 and Transmission Main: The City has a system of supply wells that feed the reverse osmosis water treatment plant (WTP). As the City is expanding, it required additional raw water supplies. Consequently, CDM Smith was asked to design and permit well no. 225 and the associated raw water transmission main. Well no. 225 was constructed in the right-of-way of Chiquita Boulevard with approximately 1,200 lf of 12-inch diameter transmission main to connect the existing system. Our team also provided general services during construction.

Gator Slough Phase V: Freshwater canals provide more than 50 percent of the overall irrigation supply for the City. In order to maintain a reliable supply of reclaimed water for its customers, the City contracted CDM Smith to investigate options that would increase seasonal storage capacity in its freshwater canal system by raising several outfall weirs. A hydraulic model was prepared to confirm that a seasonal increase of 1.0 foot in water surface elevation at the weir structures would not adversely impact flooding, septic tanks, and docks. In addition, we designed a

Relevant 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

new 3.2-mgd canal pumping station. The pumps transfer canal water from basin III to Basin IV. We also provided permitting, bidding, and services during construction of the new facilities.

Utility Management Services: CDM Smith provided utility management services to the City, including review of Project Deviation Notices (PDN) for both the Facility Expansion Program (FEP) and the UEP, review of UEP substantial completion areas, participation in review and response to South Florida Water Management District (SFWMD) permit application comments for WUP No. 36-00047-W, participation in weekly UEP and FEP program management meetings and other construction meetings, field visit to FEP construction sites for verification of invoice, review and comment on UEP/FEP monthly invoices, assistance with alternative water supply grants, review of engineering design plans for Water First for North Areas 1 and 2 and participate in TRC meetings, and responding to miscellaneous requests from City staff as needed.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>			(3) ROLE	
a. CDM Smith	a.	Fort Myers, FL	a.	Prime	
b. CDM Smith	b.	Sarasota, FL	b.	Engineering Support	
c. CDM Smith	c.	Tampa, FL	c.	Engineering Support	
d. CDM Smith	d.	Boca Raton, FL	d.	Engineering Support	
e. CDM Smith	e.	Orlando, FL	e.	Engineering Support	

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Water & Wastewater Program Management Services, Lee County, 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
Lee County	Allan Makau, PE, PSM		239.533.8598
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			PROJECT COST:
			Varies by task

Length of Contract: 2018 - Ongoing

CDM Smith has provided program management services with embedded staff for more than 6.5 years to assist in the delivery of various water and wastewater CIP projects for LCU totaling nearly \$80M in design and construction costs. Our work included:

Project Administration: Our team includes two full-time embedded staff to support LCU staff. Projects under this program have included multiple raw water and deep injection wells during design and construction.

Planning and Protocols: LCU needed an effective tool for entering and tracking project information and generating reports, so we prepared and provided demonstrations to LCU staff of a Microsoft Access-based project tracking tool which was determined to meet desired LCU objectives. In Phase 1, CDM Smith prepared a beta version of the project tracking tool for LCU to test and develop comments and questions; in Phase 2, CDM Smith delivered a production version of the project tracking tool, additional tool customizations, training and a user's guide.

Scope Development and Analyses: Prepared requests for proposals for engineering services and assembled and chaired Selection Committees for CCNA procurements.

Management of Design: Reviewed and commented on in-house and consultant design work.

Management of Permitting: Identified and assisted with permit preparation for CIP implementation, including attending and supporting meetings with permit agencies and design consultants. Coordinated County payment of permit application fees and managed and reviewed requests for additional information from the permit agencies.

Management of Construction: Provided support for projects during construction; performed site visits to active construction sites and led change order resolution. Managed a team of inspectors on water, sewer, and reuse pipeline construction and replacement projects.

Relevant 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

Support of Property Acquisition: Communicated and coordinated project reviews, project needs, and issues with other County departments, including the County Attorney and County Lands.

Disaster Assistance: Supported LCU with its America's Water Infrastructure Act (AWIA) 2018 Risk and Resiliency Assessment (RRA) and Emergency Response Plan (ERP), conducted workshops and research, and worked with Engineering, Operations, and GIS Staff. Certifications for both the RRA and the ERP were submitted ahead of the EPA deadlines.

Other Services: Updated LCU's project management manual. Helped prepare the South Florida Water Management District (SFWMD) FY 2020-2021 Alternative Water Supply grant funding. Helped secure a \$2.8M grant for the Fiesta Village Reclaimed Water Main Extension Project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE	
a. CDM Smith	a. Fort Myers, FL	a. Prime	
b. CDM Smith	b. Sarasota, FL	b. Engineering Support	
c. CDM Smith	c. Tampa, FL	c. Engineering Support	
d. CDM Smith	d. Boca Raton, FL	d. Engineering Support	
e. CDM Smith	e. Orlando, FL	e. Engineering Support	

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Utility Services Continuing Contract, Pinellas County, 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	
Pinellas County	Craig Osmanski, PE	727.225.2218	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			PROJECT COST:
			Varies by task

Length of Contract: 1992 - Ongoing

CDM Smith has performed continuing engineering services under an as-needed contract for water supply and treatment; transmission, distribution and collection pipe networks; wastewater treatment facilities; utility relocations; wastewater pumping systems; hydraulic system network modeling; Geographic Information Systems (GIS); instrumentation and controls; Supervisory Control and Data Acquisition (SCADA); and hydrogeology related projects.

Example projects include:

Engineering Services During Construction for Phase I & Pretreatment Improvements at the IWTP: CDM Smith is providing engineering services for Phase I Pretreatment Improvements at IWTP, focusing on project management, bidding services, and construction phase engineering. Key tasks include coordinating project execution, preparing contract documents, and attending pre-bid conferences. Construction phase services involve site visits, progress meetings, contract administration, and evaluation of change orders. Additional efforts include final inspections, record drawings, and deploying a Resident Project Representative for compliance monitoring.

Water Quality Monitoring Report: CDM Smith's scope of work encompassed essential tasks for effective monitoring and reporting, including data collection, monthly evaluations, semi-annual reports, and a technical report. Data collection involved sampling, water quality monitoring, and laboratory analysis, while gradient data was assessed monthly to track changes. Semi-annual reports summarized water quality data for the BWA Landfill and were submitted to the FDEP in a timely manner. A comprehensive technical report presented key findings with tabular and graphical analyses, ensuring thorough insights into water quality and level trends.

Pretreatment Improvements for the Industrial: CDM Smith's consulting services for IWTP pretreatment improvements include feasibility reporting, preliminary design, and construction phase engineering. They will review six years of performance data to identify clarifier constraints, conduct jar tests, and assess dosing changes. The preliminary design will include a new clarifier and preparation of construction plans per Pinellas County standards. Construction services cover progress meetings, contract administration, site visits, inspections, and final certifications for project close-out.

Relevant 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

Dunn WRF Reclaimed Water Storage Pond & Reject Pond Liner Replacement: CDM Smith has been contracted to replace the liners in the Reclaimed and Reject Water Storage Ponds, providing a comprehensive range of services. Their work includes project management, quality control, and preparation of meeting agendas, minutes, and certification forms. Construction phase services cover progress meetings, site visits, clarifications, change order evaluations, and inspections for completion. Additional efforts include updated designs, bidding support, and providing a Resident Project Representative to ensure compliance with project specifications. These tasks ensure efficient planning, execution, and adherence to standards.

LCRR Program Management Services: CDM Smith's scope for the LCRR Program Management Services includes project management, inventory development, program planning, and public communication efforts. They oversee data compilation, predictive modeling, and develop Standard Operating Procedures for the Lead Service Line Replacement Program. Additional tasks include coordinating sampling plans for schools, assisting with bidding services, and providing construction phase engineering support. Transition tasks include implementing data systems and conducting outreach to promote customer survey participation and program engagement.

Design Criteria Package for Pump Station No. 16 Improvements: The design criteria package scope includes project management, data collection, technical evaluations, and procurement assistance. Key tasks involve project administration, quality assurance, and a Project Management Plan (PMP) to establish milestones. Data collection comprises site visits, reviews, and kick-off meetings, while inspections identify infrastructure improvements and assess odor control. Finally, design criteria development and proposer evaluations ensure a streamlined process for successful project execution.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE			
a. CDM Smith	a. Tampa, FL	a. Prime			
b. CDM Smith	b. Sarasota, FL	b. Engineering Support			
c. CDM Smith	c. Fort Myers, FL	c. Engineering Support			
d. CDM Smith	d. Boca Raton, FL	d. Engineering Support			
e. CDM Smith	e. Orlando, FL	e. Engineering Support			

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Wastewater EOR Continuing Contract, Fort Myers, 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 Ft. Myers	Mark Whitney		239-321-7454
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			PROJECT COST:
			Varies by task

Length of Contract: 1995- Ongoing

CDM Smith was retained to provide miscellaneous engineering study, design, CEI, and consulting services as authorized under various work order assignments at the City's 11-mgd Central AWWTF and 12-mgd South AWWTF. The contract has included more than 50 work order assignments.

- Relevant work assignments have included:
- Capacity analysis reports
- Engineering bond report
- Development of a computerized maintenance management system
- Regulatory compliance reporting
- Laboratory evaluation
- Design and CEI for numerous small structural, facility, electrical, HVAC, piping, and equipment projects

Details of a few of the larger assignments are provided below.

Biosolids Dewatering Alternatives Evaluation and Pilot Study.

CDM Smith performed a biosolids dewatering alternatives evaluation and pilot study that evaluated modern belt filter presses, centrifuges, or screw presses to replace the existing equipment. The three dewatering technologies were evaluated on a present worth cost basis that included hauling, disposal, power, polymer, and labor as well as non-cost factors such as operability and construction considerations. Conceptual designs for the replacement of the dewatering equipment and ancillary components were prepared for each alternative. An on-site pilot study was conducted at the South AWWTF to further define the expected performance of each of the dewatering technologies. Present worth cost estimates were developed to provide a side-by-side comparison of the life-cycle costs of each dewatering alternative. Based on the final ranking of alternatives, centrifuges were recommended for the AWWTFs.

Relevant 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

South and Central AWWTF Structural Design. CDM Smith completed a structural facility evaluation of the South and Central AWWTFs in August 2013 and provided a report summarizing recommended repairs. The top priority repairs at each facility were identified as those for the clarifiers and screen and grit buildings. The City then authorized CDM Smith to develop plans and specifications for the repairs to these facilities at each AWWTF. In addition to the structural repairs, CDM Smith was retained to design a repair and bypass for the Lee County Utilities (LCU) influent line at the City of Fort Myers Central AWWTF to allow for removal and replacement of a corroded section downstream. The plans and specifications for the repairs were developed to minimize impacts to ongoing plant operations and require the Contractor to provide necessary bypass infrastructure. CDM Smith assisted the City with procurement of the Contractor and provided construction phase engineering services.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>		(3) ROLE
a. CDM Smith	a.	Fort Myers, FL	a. Prime
b. CDM Smith	b.	Sarasota, FL	b. Engineering Support
c. CDM Smith	c.	Tampa, FL	c. Engineering Support
d. CDM Smith	d.	Boca Raton, FL	d. Engineering Support
e. CDM Smith	e.	Orlando, FL	e. Engineering Support

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
Public Utilities Renewal (PUR) Program, Collier County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2021	2021
23. PROJECT OWNER’S INFORMATION			
A. PROJECT OWNER	B. POINT OF CONTACT NAME	C. POINT OF CONTACT TELEPHONE NUMBER	
Collier County, FL	Zamira Deltoro	239.252.6279	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			PROJECT COST:
			Varies by task

Length of Contract: 2013- 2021

Collier County Public Utilities Division (CCPUD) provides wastewater collection service to residents throughout unincorporated Collier County. One geographic area within CCPUD’s service is Naples Park, which is known as Basin 101 under the Wastewater Basin Program. Basin 101 was one of the first wastewater collection areas developed and served by CCPUD. A majority of the system was originally constructed in the mid-1970s with additional pump stations and gravity collection pipelines being added over time. Today, Basin 101 consists of 20 County pump stations and several private pump stations. As part of CCPUD’s preventative maintenance program, CDM Smith was hired to perform an evaluation of Basin 101. The evaluation included physical inspection of each CCPUD owned pump station, analysis of pump station run time data, flow monitoring for 13 pump stations (selected based on run time analysis), and physical inspection of select cast iron force mains via Broadband Electro-Magnetic (BEM) testing.

One of the findings of the evaluation was that during some wet-weather events, many of the pumping stations within Basin 101 have extended pump run times and often some pump stations even require direct operations intervention, such as utilizing trailer-mounted pumping units. Another finding was that the flows within Basin 101 could be generally categorized as falling within one of two distinct sub-basins.

Given CCPUD’s dedication to preventing sanitary sewer overflows (SSOs) while minimizing impacts to the public, CDM Smith was given the task of evaluating the best option for improving the functioning of each pump station as well as the basin as a whole. As with many collection systems developed over time, multiple inefficiencies were identified within the system. We worked with CCPUD to develop six potential improvements scenarios that would improve pumping capacities so all pump stations were equipped with pumps capable of keeping up with peak weather flows, minimize the construction of new facilities (new master pump stations) both from a capital cost consideration and for construction impacts, minimize the number of pump stations that require new pumps, electrical systems, etc. We also considered options to minimize impact of construction and bypass pumping operations on local residents and traffic (many stations are closely located to residences and/or right of ways), and provide for an alternate route for flows out of Basin 101.

Relevant 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

There was only one cast iron pipe, which was approximately 40 years old carrying wastewater flows out of Basin 101. For each scenario identified, we performed hydraulic modeling to determine the required pump improvements, master pump station improvements, and conveyance improvements.

The findings of the hydraulic modeling runs were reviewed against the baseline scenario (existing conditions) and each other to determine which approach best addressed the objectives identified. Based on the analyses performed, CCPUD elected to reconfigure a majority of the flow routing within Basin 101. The result will be a more robust system with a significantly reduced risk of SSOs.

In addition to the evaluation of the overall wastewater basin, CDM Smith was contracted to perform eight design projects within the initial contract. These projects included interconnect gravity sewer sub-basins to improve emergency storage capacity, pump and piping replacements for all pump stations, replacement of an existing subaqueous force main crossing, development of a new force main as an alternate route for flow out of the basin, and replacement of existing gravity sewer and force mains on 14 streets adjacent to canals.

Hydraulic Modeling Assistance for Potable Water, Reclaimed Water, and Wastewater Piping Systems: The City has computer hydraulic models of its potable water (CYBERNET), reclaimed water (CYBERNET), wastewater force mains, and gravity sewers (SewerCAD). The hydraulic models are used to evaluate the hydraulics of the piping systems and to predict impacts of new customer demands. CDM Smith was asked by the City to assume the maintenance of the existing hydraulic models. This work included evaluating up to three commercially-available hydraulic models for the City and providing training on hydraulic models to City staff in order to have the City ultimately take over the maintenance, updating, and operation of the hydraulic models. Models evaluated included KYPipe2000, H2Onet, and CYBERNET.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. CDM Smith	a. Fort Myers, FL	a. Prime
b. CDM Smith	b. Sarasota, FL	b. Engineering Support
c. CDM Smith	c. Tampa, FL	c. Engineering Support
d. CDM Smith	d. Boca Raton, FL	d. Engineering Support
e. CDM Smith	e. Orlando, FL	e. Engineering Support

21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
Miscellaneous Engineering Services, Punta Gorda, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	Ongoing
23. PROJECT OWNER'S INFORMATION			
A. PROJECT OWNER	B. POINT OF CONTACT NAME		C. POINT OF CONTACT TELEPHONE NUMBER
City of Punta Gorda, FL	Steven Leonard		941.575.5059
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			PROJECT COST: Varies by task

Length of Contract: 2018 - Ongoing

CDM Smith was retained by the City of Punta Gorda to provide continuing engineering services for various public works and utilities projects which includes the wastewater treatment works improvements. Under this contract CDM Smith provided a variety of professional engineering services on an as-needed/task order basis.

Example projects include:

PGWWTP GWMP Development: CDM Smith and its subcontractors adopted a structured strategy to develop the GWMP, addressing project management, data collection, GWMP development, and permitting assistance. They conducted a kickoff meeting, ongoing management, and geotechnical investigations, including SPTs, monitoring wells, and soil testing for nutrients like phosphorus and iron. The GWMP design included hydrogeological analysis, sampling protocols, and feedback-based refinements. Permitting activities involved coordinating with FDEP and FDACS for BMP NOI compliance. This thorough approach ensured the project met both professional standards and regulatory requirements.

PGWWTP Improvements Engineering Services During Construction:

The project involves upgrading the WWTP through workshops, inspections, and analysis of wastewater flows, while developing detailed design criteria. Key upgrades include a 4 MGD AADF secondary treatment process, a 6 MGD sand filter system, a chlorine contact tank, and expanding the effluent pumping system to 12 MGD capacity. A regulatory review ensures compliance with standards. Executed in phases, Phase 1 targets 4 MGD AADF capacity, and Phase 2 aims for 12 MGD peak flow capacity.

Biosolids Permit Renewal: CDM Smith and its subcontractors followed a comprehensive approach to develop the GWMP and NMP, addressing project management, data collection, plan development, and permitting assistance. They conducted kickoff meetings, managed quality control, and performed geotechnical investigations such as SPTs, monitoring wells, and soil testing for nutrients like phosphorus and aluminum. Hydrogeological characteristics were analyzed, sampling protocols created, and preliminary plans refined based on feedback. Permitting involved pre-application meetings with FDEP and coordination with FDACS for BMP NOI compliance. This method ensured professional standards and adherence to regulatory requirements.

Relevant 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

PGWWTP Alternatives Analysis: CDM Smith thoroughly evaluated the WWTP through workshops, inspections, and data analysis, uncovering a peak hour flow of 12 MGD, far exceeding previous reports. The team identified limitations in biological treatment at 3.3 MGD and hydraulic capacity at 6 MGD for disinfection and effluent disposal. Proposed upgrades included new secondary treatment processes, aeration system improvements, and enhanced effluent disposal facilities. This comprehensive plan addressed existing deficiencies and prepared the system for future demands.

Existing Treatment Capacity Evaluation: CDM Smith evaluated the WWTP through workshops, inspections, and analysis of three years of operating data, uncovering a peak hour flow of 12 MGD, much higher than earlier reports. The team identified shortcomings in biological treatment at 3.3 MGD and disinfection and effluent disposal capacity at 6 MGD. Proposed solutions included constructing new secondary treatment processes, upgrading the aeration system, and enhancing the effluent disposal facilities. This comprehensive plan addressed the identified deficiencies to improve system performance.

PGWWTP Injection Well-1 MIT and Permit Renewal: CDM Smith's scope includes project management, quality control, and preparation of the MIT plan, contract documents, and the final report. The MIT plan involves advanced tests like a television survey, pressure tests, and tracer surveys to ensure well integrity. Field services cover pre-construction meetings, pay reviews, and contract interpretations, while contract documents aid in hiring a contractor for the testing. The final MIT report, summarizing all methods, data, and evaluations, will be submitted to FDEP within 90 days of completion.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. CDM Smith	a. Fort Myers, FL	a. Prime
b. CDM Smith	b. Sarasota, FL	b. Engineering Support
c. CDM Smith	c. Tampa, FL	c. Engineering Support
d. CDM Smith	d. Boca Raton, FL	d. Engineering Support
e. CDM Smith	e. Orlando, FL	e. Engineering Support

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Potable, Wastewater, and Reclaimed Water, City of St. Petersburg, 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 St. Petersburg	Chad Witbracht, Senior Capital Projects Coordinator		727.893.7410
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			PROJECT COST:
			Varies by task

Length of Contract: 1996 - Ongoing

CDM Smith was retained to provide a variety of planning, design, permitting, and construction services for water, wastewater, and reclaimed water projects. Numerous task orders have been issued for projects ranging from WWTP upgrades to reclaimed water master planning. We have designed wastewater pump station designs and provided WWTP master planning, pipeline design, financial services, assistance with grant funding, and SCADA support. Specific projects include:

SWWRF Odor Emissions Assessment: Performed an evaluation and made recommendations regarding odor control at the City's SWWRF. To develop an accurate dispersion model for the SWWRF, we conducted site visits, reviewed record drawings, reviewed operating records, collected liquid and air samples, and provided laboratory analyses of collected samples.

Sludge Treatment Evaluation – Pilot Testing Plan and Sludge Treatment Process Evaluation Clean B® Biosolids Demonstration: Completed an evaluation of the City's sludge treatment process to assist the City in selecting a suitable treatment technology to stabilize and dispose of its waste solids. This consisted of the preparation of a technical memorandum that evaluated the patent for the chlorine dioxide sludge treatment process and developed a pilot testing plan for a chlorine dioxide sludge treatment process pilot study to be performed at the City's SWWRF.

High-Service Reclaimed Water Pump Station Modifications and Surge Evaluations: The high-service reclaimed water pump station at the City's SWWRF included five 250-hp variable speed vertical turbine pumps which pumped all reclaimed water effluent from the SWWRF into a public access and to deep injection wells located on the plant site. As part of a program to consolidate wastewater treatment operations, the City constructed new force mains, gravity sewer system modifications, and a new high-capacity transfer pump station to allow diversion of wastewater from the City's AWWRF to the SWWRF.

Relevant 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

SWWRF Influent Pump Station and Headworks and Odor Control Improvements: Following our comprehensive odor assessment of the SWWRF, the City contracted with CDM Smith to perform a nine-month odor control pilot study during which a two-stage wet scrubber type odor control system was installed to provide control of odors emanating from the influent pump station and headworks facilities.

Transmission System Modeling: Provided an update of potable water transmission system hydraulic computer model (Innovyze Infowater) to reflect the latest record drawing information for the City. Conducted field testing using pressure data loggers on the transmission mains to verify the hydraulic model accuracy. The updated and verified hydraulic model is a key foundation to the City's long range planning goals.

Valve Replacements: Provided design services to replace the Washington Terrace Pump Station's 13 valves used for control and isolation of the four existing high service pumps with the intent to improve the operational flexibility and ease of maintenance of the station. Automation of the valves was part of the upgrade as was selective replacement of the suction and discharge piping for the high service pumps. The design included maintenance of plant operation considerations to keep the facility in service throughout the installation.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE	
a. CDM Smith	a. Tampa, FL	a. Prime	
b. CDM Smith	b. Sarasota, FL	b. Engineering Support	
c. CDM Smith	c. Fort Myers, FL	c. Engineering Support	
d. CDM Smith	d. Boca Raton, FL	d. Engineering Support	
e. CDM Smith	e. Orlando, FL	e. Engineering Support	

21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED	
Tampa Bay Water (TBW) As-Needed Engineering Services, Tampa, 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
Tampa Bay Water	Justin Fox, PE, Engineering Manager	813.929.4565

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		PROJECT COST:
		Varies by task

Length of Contract: 2006 - Ongoing

CDM Smith has been providing as-needed engineering services for TBW since 2006. Under this contract, we have provided engineering services on a task-order basis for projects involving civil, environmental, process, hydraulic, mechanical, geotechnical, electrical, and value engineering. Our scope of services has included studies, analysis and reports, design plans and specifications, construction administration and inspection, and design criteria professional services. Specific projects include the following:

Replacement of Pump No. 7 at the HSPS: We provided design, bidding, and construction-phase services needed for modifications to the HSPS capacity through: replacement of the existing 600-hp Pump No. 7 with a new 2,000-hp pump; replacement of discharge piping and valves; medium voltage power distribution system modifications to support the new medium-voltage VFD and 2,000-hp pump; addition of branch circuits and power connections from new VFD to the existing 13.2kV switchgear; short-circuit and load flow analysis; and control system modifications and addition of new I&C wiring and conduits to integrate the new pump into the existing HSPS PLC and HMI control system.

Warehouse Design Criteria Package (DCP): TBW determined that its existing parts storage warehouse was too small to meet its current needs. In addition, the existing warehouse was designed under an older version of the Florida Building Code and was not designed to meet the wind-load criteria contained in the current code. We developed a design criteria package (DCP) that included a technical memorandum, preliminary architectural floor plans and elevations, specifications, bidding and construction support.

Relevant 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

Fall Protection Design Criteria Package: We developed a DCP to provide the required fall protection systems that allowed personnel to work safely during the removal of roof panels and removal/reinstallation of pumps and motors at its Alafia Pump Station facility.

Utility Locates Support: We are providing utility conflict reviews and engineering support services to ensure TBW's facilities are accurately located and conflicts identified during construction. We are providing as-needed inspection services to assure the safety and integrity of the infrastructure during construction.

Facilities Space Planning: We are providing planning services for the assessment of TBW's current physical office space assets and determining additional needed office space within their 10-year capital improvements plan. The services included data collection, manager level interviews, software demonstration, and a facility assessment planning study report.

Operations Building Entrance Modifications: We were responsible for design and professional services during bidding and construction to support the modifications to the Surface WTP Operations Building Entrance. We prepared drawings and specifications for architectural, structural, electrical, and building mechanical to support permitting through the local Building Department; provided final design, and assistance during bidding and during construction of the modifications.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. CDM Smith	a. Tampa, FL	a. Prime
b. CDM Smith	b. Boca Ration, FL	b. Engineering Support
c. CDM Smith	c. Fort Myers, FL	c. Engineering Support
d. CDM Smith	d. Orlando, FL	d. Engineering Support
e. CDM Smith	e. Sarasota, FL	e. Engineering Support

Key Personnel Participation in Example Projects

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

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.)									
		1	2	3	4	5	6	7	8	9	10
Patrick Victor, PE, DWRE	Client Manager	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Justin Saarinen, GISP	Client Service Leader	✓		✓	✓	✓	✓	✓	✓		
Mark Sunyak, PE, PMP	Project Manager	✓		✓	✓		✓	✓	✓		
Brian Karmasin, PE, BCEE	Water, Wastewater, Reclaimed Water, Treatment & Storage Systems - Water, Wastewater & Reclaimed Water Planning		✓		✓		✓		✓		
Matthew Trzcinski, PE	Water, Wastewater, Reclaimed Water Treatment										
Jorge Arevalo, PhD, PE	Water, Wastewater, Reclaimed Water Treatment	✓			✓	✓		✓			✓
Alexandra Apple, PE	Water, Wastewater, Reclaimed Water Treatment	✓	✓			✓					✓
Gregory Wetterau, PE, BCEE	Water, Wastewater, Reclaimed Water Treatment	✓									
Travis Meyer, PE, PMP	Water, Wastewater, Reclaimed Water Treatment				✓		✓		✓		
Joshua Benjamin, PhD	Water, Wastewater, Reclaimed Water Treatment	✓	✓		✓		✓				
Isaac Holowell, PE	Water, Wastewater, Reclaimed Water Conveyance Systems - Water, Wastewater, and Reclaimed Water Planning	✓		✓	✓	✓	✓	✓	✓	✓	
Marc Stonehouse, PE	Water, Wastewater, Reclaimed Water Conveyance Systems	✓		✓	✓		✓	✓			
Clay Tappan, PE, BCEE	Water, Wastewater, Reclaimed Water Conveyance Systems	✓	✓	✓	✓		✓	✓		✓	✓
Lee Wiseman, PE, BCEE	Water, Wastewater, Reclaimed Water Planning	✓	✓	✓	✓	✓	✓	✓	✓		
Carl Frizzell, PhD, PE	Water, Wastewater, Reclaimed Water Planning	✓	✓	✓	✓		✓	✓	✓	✓	✓
Vipin Pangasa, PE, PMP, BCEE	Water, Wastewater, Reclaimed Water Planning		✓		✓	✓	✓		✓		✓
Michael Graham, PE	Electrical & Instrumentation/Controls	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

29. EXAMPLE PROJECTS KEY			
NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Utilities Engineering Services Continuing Contract, North Port, FL	6	Wastewater EOR Continuing Contract, Fort Myers, FL
2	Miscellaneous Engineering Services, Hillsborough County, FL	7	Public Utilities Renewal (PUR) Program, Collier County, FL
3	Utility Services Continuing Contract, Cape Coral, FL	8	Miscellaneous Engineering Services, Punta Gorda, FL
4	Water & Wastewater Program Management Services, Lee County, FL	9	Potable, Wastewater, and Reclaimed Water, City of St. Petersburg, FL
5	Utility Services Continuing Contract, Pinellas County, FL	10	Tampa Bay Water As-Needed Engineering Services, Tampa, FL

Key Personnel Participation in Example Projects

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

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.)									
		1	2	3	4	5	6	7	8	9	10
Cynthia Stellmack, PE	Electrical & Instrumentation/ Controls	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Daniel Pitts, PE	Geotechnical					✓	✓		✓		
Stephen Whiteside, PE	Geotechnical				✓	✓			✓		
Samir Mathur, PE, BCEE	QA/QC - Technical Reviewer				✓		✓				
Craig Montgomery, PE	QA/QC - Technical Reviewer	✓	✓	✓		✓	✓	✓		✓	✓
Stewart Magenheimer, PG, PMP	QA/QC - Technical Reviewer	✓			✓		✓	✓	✓		
Dominique Rudajev, PE, PMP	Support Services - Stormwater/Civil Site		✓		✓	✓			✓	✓	
Clarice Sollog, AIA, LEED® AP BD+C	Support Services - Architectural		✓		✓	✓	✓	✓			✓
Andrew Baranowski, GISP	Support Services - Mapping, Survey and SUE		✓								
Kevin Francoforte, PE	Support Services - Structural		✓	✓	✓	✓	✓	✓	✓		✓
Diane Kemp	Support Services - Financial Assistance		✓	✓		✓	✓		✓		
Elias Andraos, CEP, AACEI	Support Services - Alternative Project Delivery and Cost-Estimating		✓		✓	✓	✓		✓	✓	
Yaribel Hernandez, PE, DBIA	Support Services - Alternative Project Delivery and Cost-Estimating						✓				
Meredith McElmurry	Support Services - Program & Asset Management										
Dewayne Wallace	Support Services - Construction Administration		✓	✓	✓	✓	✓	✓	✓		
John Chandler	Support Services - Construction Administration		✓		✓		✓		✓		
Brendan Brown, PWS	Support Services - Environmental Wetlands and Protected Species		✓		✓		✓	✓			
Travis Wagner, PE	Support Services - Digital Services						✓				
Rick Newberg	Support Services - O&M				✓	✓	✓	✓	✓		✓

29. EXAMPLE PROJECTS KEY			
NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Utilities Engineering Services Continuing Contract, North Port, FL	6	Wastewater EOR Continuing Contract, Ft. Myers, FL
2	Miscellaneous Engineering Services, Hillsborough County, FL	7	Public Utilities Renewal (PUR) Program, Collier County, FL
3	Utility Services Continuing Contract, Cape Coral, FL	8	Miscellaneous Engineering Services, Punta Gorda, FL
4	Water & Wastewater Program Management Services, Lee County, FL	9	Potable, Wastewater, and Reclaimed Water, City of St. Petersburg, FL
5	Utility Services Continuing Contract, Pinellas County, FL	10	Tampa Bay Water As-Needed Engineering Services, Tampa, FL



Tab 5
Project Control/
Approach



Project Control/Approach

Understanding of the Scope of Services

The City of North Port is seeking professional engineering services for various projects under a continuing service contract for the North Port Utilities Department. The scope of work includes a wide range of professional services necessary for Engineer of Record projects. This involves conducting analyses, preparing reports on the maintenance and operation of existing facilities, and providing technical assistance on utilities' operational, technical, and engineering issues. The consultant will also support select utility projects incorporated into the North Port Utilities Capital Improvement Plan (CIP) and may handle various tasks and special projects related to utility engineering services.

The engineering service specialties required include construction cost estimation, civil, structural, mechanical, electrical/instrumentation (including plant SCADA system planning, installation, and training), and environmental and industrial services. Additionally, the consultant may need to provide biological and ecological evaluations, geological, geotechnical, and hydrogeological investigations, as well as mapping and surveying services. The City has outlined three main categories for the services: Water, Wastewater, and Reclaimed Water Treatment & Storage Systems; Water, Wastewater, and Reclaimed Water Conveyance Systems; and Water, Wastewater, and Reclaimed Water Planning.

The selected firm(s) must demonstrate comprehensive knowledge of and compliance with all relevant federal, state, and local laws, rules, practices, and regulations. They must also be capable of professionally representing the City before regulatory agencies and departments as required. This ensures that the City receives high-quality, compliant, and effective engineering services for its utility projects.

Project Approach

Our approach to project delivery outlines our plan to meet schedule and budget with quality while meeting the objectives and requirements in the Utility Engineering Professional Services RFP.

Project Planning and Successful Project Delivery

Understanding Project Success. The key to successfully delivering your projects on schedule, with quality, and within budget is to utilize experienced project managers who are committed to a philosophy of consistent effective communication with your project management, operations, and engineering staff to ensure that project objectives are understood and achieved throughout the project lifecycle. Before developing a project scope of services and budget, **we will meet with the project stakeholders to understand the answer to the question, "How will project success be defined?"**

Assigning Qualified Personnel to Handle Tasks Effectively. Work assignments issued to CDM Smith by the County will first be delivered to CDM Smith's Contract Manager Justin Saarinen. Once received, he will assign one of our project managers to the project based on their experience with similar projects, availability, and relationship with the **City** project manager and staff. The project manager will be the single point of contact for the life of the task order. **Mark Sunyak, PE, PMP** has successfully served as project manager for similar utility consulting contracts throughout Florida's West Coast, and has unique areas of specific expertise. Our project manager, supported by our vast project resources, has the experience to perform every aspect of the project tasks anticipated under this contract.



Mark Sunyak

Project Development. An important aspect of managing projects to control schedule and budget is establishing an appropriate scope at the beginning of a project. Our past work on similar contracts has taught us that an issue common to work associated with contracts of this nature is the early identification of all aspects of the work needed to eliminate changes to the scope once the project has begun. Our project managers will actively listen to your project manager and team of technical and operations staff to understand the ultimate objectives of the project, how the objectives were determined, and how the City understands the work assignment will achieve the project objectives to reduce and/or eliminate these issues prior to project kick-off.

Well-Planned Schedule Development to Maintain Schedule and Budget. A well-planned project schedule is another key control to maintaining schedule and budget. All phases of the project, from planning, assessment, design, permitting, bidding, and services during construction, will be carefully planned with appropriate sequencing of events, durations, milestones, project risk, and float; and where appropriate, schedules will be cost and resource loaded. We will identify and integrate grants or other intergovernmental funding timetables and requirements in the schedule and budget. The schedule will be evaluated with the City prior to final acceptance, and a realistic project budget will be established based on this approved schedule. Before any work begins, the CDM Smith and City project manager's will agree to the proposed scope of work, budget, and project baseline schedule from which project variances can be measured and updates performed monthly.

At the 10 percent project milestone, we conduct an initial technical review of the project with senior project-independent reviewers. Conducting this review after the detailed project definition stage allows us to confirm the adequacy of scope early in project execution, and allows for course correction, if required, to be implemented at a time when it can still be managed to eliminate or attenuate impacts to schedule and budget. As the work progresses, a monthly project status meeting will be held to monitor project status with respect to budget, schedule, scope, deliverables, and resources assigned to the project. These meetings allow us to be proactive in identifying variance to the budget and schedule requirements, and to provide early initiation of corrective action measures to correct the project direction if it is off track. Internally, the project manager will review project financials each week and resolve any issues that are identified.

Project Execution. Once the scope, schedule, and budget for the work authorization have been agreed to, we will develop a project execution plan (PxP). While the scope of work explains what will be done, how much it will cost, and when it must be completed, the PxP defines how the project will be executed and who will be accountable for each of the different tasks throughout the project lifecycle. The PxP will be updated monthly. Information obtained through the updates will be shared with the corresponding City project manager so that they will always have the latest project information and can report that information up to City management during internal project status meetings.

The PxP will facilitate:

- Faster and more efficient project implementation that can result in time savings as team members will be able to immediately hit the ground running upon Notice to Proceed
- Early identification of proper staffing levels to reduce cost while still ensuring quality
- Clearly defining accountability for project requirements and assignments
- Minimize cost overruns by identifying all stakeholder responsibilities at the beginning of a project and facilitating clear accountability by maintaining focus on these objectives throughout the project lifecycle

Project Delivery for Operations. We are committed to consistent, effective communication required throughout the lifecycle of a project and will communicate during the scoping, design development, and construction management phases of projects to **ensure operability issues and concerns are accounted for, reducing the potential for project changes to schedule or budget.**

Our Commitment to Working Cooperatively with the City.

CDM Smith will work closely with your team to identify the best solution to meet your needs. This means identifying options that work from both a technical and community perspective. Our staff will work closely with you to anticipate and plan for proactive management of community issues, and we have a dedicated core team supported by a deep bench of experienced professionals who can help guide your project as required. We are committed to developing and delivering the best solution for the City.

Regulatory Agencies and Other Stakeholders. We have long recognized the importance of developing positive relationships with regulatory agencies and other key stakeholders. Our team is experienced with developing strategic decision-making plans that involve an appropriate level of stakeholder involvement. This advanced planning helps avoid any regulatory, funding, or public surprises that could arise if a proposed project was not thoroughly analyzed. We have found that seeking input at early stages leads to solid, well documented, and widely supported projects. Locally, CDM Smith has experience successfully performing similar general and miscellaneous professional engineering services for many Florida West Coast clients including North Port Utilities.

➤ We will not provide a “one-size fits all” project solution or apply “standard” project delivery packages that might result in higher cost of service, operational difficulties, and frustration across multiple departments. We will work with you to identify and mitigate risks and capitalize on opportunities. We will partner with you to integrate your established policies, procedures, and available staff into our team to build the most efficient and cost-effective team possible.

Proven Performance in Delivering Projects ON SCHEDULE and WITHIN BUDGET. CDM Smith has demonstrated through the successful implementation of projects throughout Southwest Florida (and specifically for North Port) that consistently meeting our commitments for submittal of deliverables on schedule and within budget is critical to project success. Managing and controlling information is key for project managers and owners. Our proven capabilities in project management and adherence to time and budget constraints within the last five years can be shown by our successful projects we have completed for the City under our current continuing services contract.



PROJECT	ON TIME	ON BUDGET
SWWTP - 100% Design Review & Assistance During Construction and Commissioning	✓	✓
Wastewater Operating Permit Support	✓	✓
2017 Inflow & Infiltration SPC	✓	✓
2022 Wastewater Model Update	✓	✓
SWWTP Design Review	✓	✓
Mechanical Integrity Testing for Deep Injection Wells	✓	✓

6,700 Staff Worldwide **87** Offices in the US **117** Offices Globally **\$1.5B** Annual Revenue

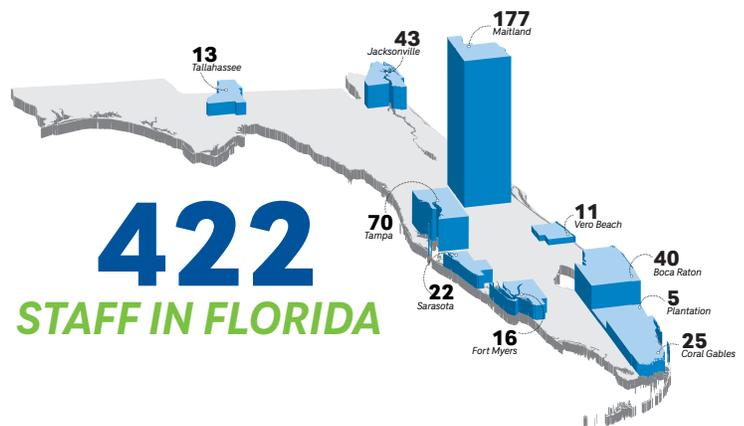
Current Workload and Approach to Scalability to Support Simultaneous Projects. CDM Smith has immediate availability and capacity to assist the City. We have assembled a strong group of professionals and support personnel in our local Southwest Florida offices to deliver work to the City. Although we effectively manage our workload and staff, applying their expertise to multiple projects based on current requirements, we can also offer the City the reassurance that CDM Smith has over 6,700 staff members firm-wide and over 400 in Florida that could contribute in the event we need to exert extra efforts to complete the assigned project work.

For those tasks that require nationally recognized expertise, we can draw on our pool of over 6,700 employees and nationally and globally recognized experts. On these occasions, we will make every effort to ensure that our locally based staff are assigned to assist the out-of-area specialist by performing field work and coordinating with local and state regulators and other officials as required. We believe this approach to staffing provides the Authority with the best of both worlds when it comes to local staff involvement and national expertise. Using these methods, CDM Smith considers current and future workload when selecting the right team. Our key staff are almost entirely local to quickly respond to the City’s needs and are available to commit whatever time is required to meet your budget and schedule requirements.

Available Facilities, Technological Capabilities, and Resources You Offer for the Project.

The primary office for the execution of work on this project is our Sarasota office. Our Florida offices are home to over 400 staff. We offer additional staff in these comprehensive disciplines throughout our 130 offices worldwide. As shown, CDM Smith has the resources to support any service needed for utility projects in the state of Florida.

CDM Smith invests heavily in emerging technologies within the water industry through our Digital Transformation, Disruptive Technology, and Research and Development programs. Through investments in emerging technologies, we have implemented augmented reality (AR) drone technology, indoor LiDAR, and digital twin technology for clients across the U.S. **Our investments have enabled us to help our clients employ the use of cutting-edge technology to more efficiently execute projects and reduce costs.**





Tab 6 References



References



Reference 1: Membrane Filtration Pretreatment Improvements, Pinellas County, FL *(Engineering Services performed under Engineering Services Continuing Contract)*

Description of work

The 2.5-mgd industrial water treatment plant (IWTP) located at Pinellas County’s Bridgeway Acres Landfill (BWA) utilizes alum clarification, microfiltration (MF), and reverse osmosis (RO) to treat pond water for use by the Waste-to-Energy (WTE) facility on site. However, performance constraints with the existing solids contact clarifier system have restricted the IWTP MF system from attaining its full design production capacity, resulting in issuance of a Consent Order (CO) requiring the facility attain its full capacity in fewer than 24 months. Pinellas County retained CDM Smith to identify a solution to help the County comply with the CO.

Reviewing existing performance data from the IWTP over the last six years, high effluent turbidity carryover events from the solids contact clarifier have been reported as one of the leading factors contributing to fouling of the MF membranes. Our team identified operational alternatives that could allow the County to resolve this issue while reducing or eliminating the need for a new clarifier.

We applied data analytics to review two years of clarifier and membrane pretreatment SCADA data, as well as nearly 5,000 routine jars to generate performance “heatmaps” of turbidity removal and membrane fouling rates versus alum dose. Our analysis demonstrated that a 33% lower alum dose without caustic soda addition would improve turbidity removal and lower chemical costs.

We also provided a critical review of jar tests by another consultant, identifying a costly error in the jar test settling time assumption used by operators and other design engineers. Our team’s review showed that the County could restore the plant to full capacity, saving \$7.3M in construction costs to build a new clarifier and complying with the CO deadline 12 months ahead of schedule by switching from alum to ferric sulfate.

CDM Smith worked with the County to verify these results at bench scale before proceeding to a full-scale pilot of the County’s preferred operational improvement. CDM Smith is now working with the County to conduct a full-scale pilot of coagulation using ferric sulfate. Our team also provided automation design for incorporating the new treatment train into the IWTP’s existing SCADA system, in addition to monitoring a chemical pilot test through the existing SCADA system.



Client Information

Pinellas County, FL - 22211 US
Hwy 19 N, Clearwater, FL 33765
- Catherine Nguyen, Project Manager - 727.464.7525 - Fax N/A - cnguyen@co.pinellas.fl.us

Year the project was completed: 2020

Engineer’s Opinion of Probable Construction Cost: \$7.3M
(After CDM Smith’s evaluation of other firm’s estimates)

Final construction cost of the project: Not known



Reference 2: Three Oaks Wastewater Treatment Plant Facility Upgrade, Lee County, FL
(Engineering Services performed under Engineering Services Continuing Contract)

Description of work

In 2013, Lee County Utilities (LCU) hired CDM Smith to evaluate and address issues related to oxidation ditch capacity and dissolved oxygen (DO) maintenance at the Three Oaks Wastewater Treatment Plant. The challenges stemmed from increased mass loadings due to higher strength influent wastewater. CDM Smith’s assessment aimed to evaluate the facility’s biological treatment capacity and identify upgrades required to sustain the 6 million gallons per day (mgd) average daily flow (ADF) permitted capacity.

The evaluation revealed significant increases in mass loadings at 6 mgd ADF, with biochemical oxygen demand (BOD5) rising by 40% and total Kjeldahl nitrogen (TKN) increasing by over 140%, compared to 2005 projections. Biological process units were found to have a functional capacity of less than 4 mgd ADF, relying on aging clarifiers that hindered operations. Recommendations included replacing the four peripheral feed clarifiers with a third 85-foot-diameter center feed clarifier and enhancing supplemental aeration in existing oxidation ditches.

To maintain the permitted 6 mgd ADF treatment capacity, it was proposed to construct a new 2-mgd ADF biological process train. This would include a 1.5-million-gallon (MG) oxidation ditch and two new clarifiers. The upgrades would result in four oxidation ditches and five secondary clarifiers. Additionally, installing a new belt filter press system with supporting components was recommended to optimize sludge handling operations.

LCU tasked CDM Smith with implementing the modifications necessary to bring the plant design capacity up to 6 mgd ADF while accommodating future expansion to 8 mgd. Key improvements involved modifying the headworks for flow distribution, installing aerators in oxidation ditches, enhancing clarifier capacities, and establishing a new oxidation ditch rated at 2 mgd ADF with advanced aerators.



Client Information

Lee County, FL - Address: 1500 Monroe St., Fort Myers, FL 33901
- Name: Jessica Wilkerson, PE, CPM - Tel: 239.218.7643- Fax: N/A
- E-mail: jwilkerson@leegov.com

Year the project was completed: 2018

Engineer’s Opinion of Probable Construction Cost: \$3.5M
(owner requested changes)

Final construction cost of the project: \$3.95M (owner requested changes)



Reference 3: Replacement of Pump No. 7 at the High Service Pump Station (HSPS), Tampa FL (Engineering Services performed under Engineering Services Continuing Contract)

Description of work

As Tampa Bay Water’s service area continues to experience growth, the Agency identified the need to increase capacity at its Regional Facility Site (RFS) High Service Pump Station (HSPS). CDM Smith was retained under our as-needed services contract to provide design, bidding, and construction phase services to complete modifications to the HSPS at the WTP, which included six 2,000-hp pumps powered through variable frequency drives (VFDs) and one 600-hp horizontal split case pump.

Our team designed the following modifications:

- Replacement of the existing 600-hp Pump No. 7 with a new 2,000-hp pump to match existing Pump Nos. 1 – 6.
- Replacement of discharge piping and valves.
- Power distribution system modifications to support the addition of one new medium voltage VFD and new 2,000-hp pump.
- Addition of branch circuits and power connections from new VFD to the existing 13.2kV Switchgear.
- Short circuit and load flow analysis for the addition of a new pump and VFD.
- Miscellaneous electrical system improvements as required for the installation of the new pump system and VFD.
- Removal and replacement of existing motor control circuits and motor protective device wiring.
- Control system modifications and addition of new I&C wiring and conduits needed to integrate the new pump into the existing HSPS PLC and HMI control system.

We also evaluated the existing HVAC systems based on the increased cooling requirements associated with the new pump and VFD. As part of the design, we ensured project compliance with SWFWMD funding requirements. The design was successfully delivered on schedule and within budget and successfully bid, and construction is currently underway.



Client Information

Tampa Bay Water - Address:
2575 Enterprise Road Clearwater,
FL 33763 - Name: Justin Fox,
PE, Engineering Manager - Tel:
813.929.4565 - Fax: N/A - E-mail:
jfox@tampabaywater.org

**Year the project was
completed:** 2024

**Engineer’s Opinion of Probable
Construction Cost:** \$2M

**Final construction cost of
the project:** \$1.8M



Reference 4: South and Central Advanced Wastewater Treatment Facilities (AWWTFs)
Structural Facility Evaluation, Fort Myers, FL
(Engineering Services performed under Engineering Services Continuing Contract)

Description of work

The City of Fort Myers owns and operates the South and Central AWWTFs which were constructed in 1984-1985 and have undergone various improvement projects over the past 28 years. Under an ongoing Professional Service Agreement—Continuing Contract, CDM Smith is performing specific tasks at the South and Central AWWTFs.

CDM Smith completed a structural facility evaluation of the South and Central AWWTFs in August 2013 and provided a report summarizing recommended repairs. The top priority repairs at each facility were identified as those for the clarifiers and screen and grit buildings. The City then authorized CDM Smith to develop plans and specifications for the repairs to these facilities at each AWWTF, as well as to replace the existing screening and grit removal equipment. The plans and specifications for the repairs were developed to minimize impacts to ongoing plant operations and require the contractor to provide necessary bypass infrastructure. CDM Smith assisted the City with procurement of the contractor and has been retained to provide construction phase services, including construction inspection.

Client Information
 Fort Myers, FL - Address: 2200 Second Street, Fort Myers, FL 33901 - Name: Jason Sciandra - Tel: 239.940.4287 - Fax: N/A- E-mail: jsciandra@cityftmyers.com
Year the project was completed: 2015
Engineer’s Opinion of Probable Construction Cost: \$2.5M
Final construction cost of the project: \$2.75M (owner requested changes)



Reference 5: Integrated Utility Master Plan – Water, Palm Beach County, FL

Description of work

The Integrated Utility Master Plan - Water project, also known as CSA 8 IUMP Water, was initiated to address the water utility needs of Palm Beach County, FL. The primary goal was to develop a comprehensive master plan for the water utilities, ensuring reliability, compliance, and capacity to meet future demands. The project aimed to address issues such as aging infrastructure, regulatory compliance, and the need for system redundancy and reliability.

CDM Smith provided a range of services to develop the Integrated Utility Master Plan. The project involved detailed assessments and planning for water treatment facilities, wellfields, and associated infrastructure.

The Integrated Utility Master Plan - Water project successfully provided Palm Beach County with a detailed roadmap for future water utility improvements.

Key outcomes included:

- **Enhanced Reliability and Redundancy:** Improved electrical and control systems, ensuring continuous operation during power outages and other emergencies.
- **Regulatory Compliance:** Addressed current and future regulatory requirements, including arsenic treatment and lead and copper rules.
- **Capacity Improvements:** Planned for new well construction and upgrades to support future water demand.
- **Innovative Solutions:** Implemented advanced communication technologies to improve system monitoring and control.

The project was completed on schedule and within budget, providing Palm Beach County with a robust and sustainable water utility master plan.



Client Information

Palm Beach County, FL -
Address: 8100 Forest Hill Blvd.,
West Palm Beach, FL - Name:
Krystin Berntsen, PE, PMP - Tel:
561.493.6027 - Fax: N/A - E-mail:
kberntsen@pbcwater.com

**Year the project was
completed: 2022**

**Engineer's Opinion of Probable
Construction Cost: \$1B**

**Final construction cost
of the project: TBD**

ATTACHMENT 3 - REFERENCES/CLIENT LISTING

Include at least five (5) business related references for which they are currently providing or have provided within the last ten (10) years, services similar to the scope of services required by this RFP. A minimum of three (3) references must be for work performed in Florida.

1. Business/Customer Name: City of Cape Coral, FL Utilities Department
Name of Contact Person/Title: Jeff Pearson, Utilities Director
Telephone# 239.574.0700 E-mail jpearson@capecoral.gov
Address City of Cape Coral, FL
Phone Number 239.574.0700
Duration of Contract or business relationship Since 1992 Project completion date: Ongoing
Continuing engineering services contract for water, wastewater, and water reuse services. Under this contract CDM
Type of Services Provided Smith provides a variety of professional engineering services on an as-needed/task order basis.
Cost of Project: Design Varies (CCNA task order based contract) Construction: Varies (CCNA task order based contract)
2. Business/Customer Name: Lee County, FL Utilities
Name of Contact Person/Title: Jessica Wilkerson; Engineer
Telephone# 239.218.7643 E-mail jwilkerson@leegov.com
Address Lee County, FL
Phone Number 239.218.7643
Duration of Contract or business relationship Since 2018 Project completion date: Ongoing
Continuing engineering services contract for utilities and covers water, wastewater, and water reuse services. Under
Type of Services Provided this contract CDM Smith provides a variety of professional engineering services on an as-needed/task order basis.
Cost of Project: Design Varies (CCNA task order based contract) Construction: Varies (CCNA task order based contract)
3. Business/Customer Name: Pinellas County Utilities Engineering Department
Name of Contact Person/Title: Craig Osmanski, PE; Project Manager
Telephone# 727.225.2218 E-mail cosmanski@pinellas.gov
Address Pinellas County, FL
Phone Number 727.225.2218
Duration of Contract or business relationship Since 1992 Project completion date: Ongoing
Continuing engineering services contract for water supply and treatment; transmission, distribution and collection pipe networks;
Type of Services Provided wastewater treatment facilities; utility relocations; wastewater pumping systems; hydraulic system network modeling; GIS; instrumentation and controls; Supervisory Control and Data Acquisition (SCADA); and hydrogeology related projects.
Cost of Project: Design Varies (CCNA task order contract) Construction: Varies (CCNA task order based contract)

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

4. Business/Customer Name: City of Punta Gorda, FL

Name of Contact Person/Title: Steven Leonard / Senior Project Manager

Telephone# 941.575.5059 E-mail sleonard@cityofpuntafordafl.com

Address City of Punta Gorda, FL

Phone Number 941.575.5059

Duration of Contract or business relationship Since 2018 Project completion date: Ongoing

Continuing engineering services contract for various public works and utilities projects which includes the
Type of Services Provided wastewater treatment works improvements. Under this contract CDM Smith provided a variety of professional engineering services on an as-needed/task order basis.

Cost of Project: Design Varies (CCNA task order contract) Construction: Varies (CCNA task order based contract)

5. Business/Customer Name: City of St. Petersburg, FL

Name of Contact Person/Title: Chad Witbracht, Senior Capital Projects Coordinator

Telephone# 727.893.7410 E-mail chad.witbracht@stpete.org

Address City of St. Petersburg, FL

Phone Number 727.893.7410

Duration of Contract or business relationship Since 1996 Project completion date: Ongoing Contract

Continuing engineering services contract for potable water, wastewater, and reclaimed water projects. Under this
Type of Services Provided contract CDM Smith provided a variety of professional engineering services on an as-needed/task order basis.

Cost of Project: Design Varies (CCNA task order contract) Construction: Varies (CCNA task order based contract)

COMPANY NAME: CDM Smith Inc.

SIGNATURE:  _____

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

ATTACHMENT 4
REFERENCE AND PERFORMANCE QUESTIONNAIRE VERIFICATION FORM

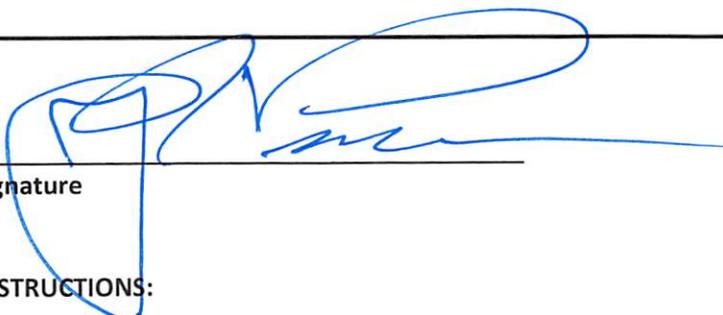
RFP 2025-12 Professional Utility Engineering Services – Continuing Services for City of North Port
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)
FIRM NAME: CDM Smith Inc.
ADDRESS: 401 N. Cattlemen Road, Suite 110, Sarasota, FL 34232
Telephone number#: 941.366-8108
E-mail: saarinenja@cdmsmith.com
Point of Contact Justin Saarinen, GISP; Principal Contact Phone Number 941.780.7028
2. Worked Performed as <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (Explain) Percent of project work performed 80 % If Subcontractor, who was the prime (Name/Phone #) N/A
3. CONTACT INFORMATION Contract Number: CON-RFQ2323KR-J Contract Type: <input checked="" type="checkbox"/> Firm Fixed Price <input type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (please specify): Time & Materials Contract Title: Citywide Professional Consultant Continuing Services - Engineering Services Contract Location: Cape Coral, FL Award Date (mm/dd/yy) 03/21/24 Actual Completion Date: Ongoing Continuing Services Contract Original Contract Price (Award Amount): Varies (CCNA task order based contract) Final Contract Price (to include all modifications, if applicable): Varies (CCNA task order based contract) Explain the Difference:
4. PROJECT DESCRIPTION: Complexity of Work <input type="checkbox"/> HIGH <input type="checkbox"/> MED <input checked="" type="checkbox"/> ROUTINE How is this project relevant to project submission? Continuing engineering services contract for water, wastewater, and water reuse services. Under this contract CDM Smith provides a variety of professional engineering services on an as-needed/task order basis.

5. CLIENT INFORMATION			
Name:	Jeff Pearson	Title:	Utilities Director
Name of Entity:	City of Cape Coral Utilities Department		
Phone Number:	239.574.0700	E-Mail:	jpearson@capecoral.gov

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: <u>13</u> Months: _____
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>8</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>03/28/2025</u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): _____



Signature

INSTRUCTIONS:

PROPOSER WILL SEND THIS FORM TO EACH REFERENCED CLIENT LISTED ON ATTACHMENT 3. THE CLIENT IS TO COMPLETE THIS FORM AND RETURN DIRECTLY BACK TO THE PROPOSER. THE PROPOSER WILL SUBMIT THE COMPLETED FORM WITH THEIR PROPOSAL. IT IS THE PROPOSER'S RESPONSIBILITY TO OBTAIN AND SUBMIT ALL COMPLETED FORMS WITH THEIR PROPOSAL PACKAGE.

IF THERE ARE UNFORESEEN CIRCUMSTANCES AND THE CLIENT CANNOT RETURN COMPLETED FORM DIRECTLY TO THE PROPOSER, COMPLETED FORMS MAY BE DIRECTLY SUBMITTED TO:
PURCHASING@NORTHPORTFL.GOV REFERENCING THE RFP #: 2025-12.

THE CITY RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

NOTE: IF COMPLETED REFERENCES ARE NOT RETURNED TO PURCHASING, IT MAY AFFECT THE EVALUATION RATING.

ATTACHMENT 4
REFERENCE AND PERFORMANCE QUESTIONNAIRE VERIFICATION FORM

RFP 2025-12 Professional Utility Engineering Services – Continuing Services for City of North Port
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)
FIRM NAME:
ADDRESS:
Telephone number#:
E-mail:
Point of Contact _____ Contact Phone Number _____
2. Worked Performed as <u>X</u> Prime _____ Sub Contractor _____ Joint Venture _____ Other (Explain) Percent of project work performed _____% If Subcontractor, who was the prime (Name/Phone #) _____
3. CONTACT INFORMATION Contract Number: _____ Contract Type: _____ Firm Fixed Price _____ Cost Reimbursement _____ Other (please specify): _____ Contract Title: _____ _____ Contract Location: _____ _____ Award Date (mm/dd/yy) _____ Actual Completion Date: _____ Original Contract Price (Award Amount): _____ Final Contract Price (to include all modifications, if applicable): _____ Explain the Difference: _____
4. PROJECT DESCRIPTION: Complexity of Work _____ HIGH _____ MED _____ ROUTINE How is this project relevant to project submission?

5. CLIENT INFORMATION			
Name: _____		Title: _____	
Name of Entity: _____			
Phone	Number:	_____	E-Mail: _____

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: _____ Months: _____
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	_____
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) _____ _____

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): _____

J Wilkerson

Signature

INSTRUCTIONS:

PROPOSER WILL SEND THIS FORM TO EACH REFERENCED CLIENT LISTED ON ATTACHMENT 3. THE CLIENT IS TO COMPLETE THIS FORM AND RETURN DIRECTLY BACK TO THE PROPOSER. THE PROPOSER WILL SUBMIT THE COMPLETED FORM WITH THEIR PROPOSAL. IT IS THE PROPOSER'S RESPONSIBILITY TO OBTAIN AND SUBMIT ALL COMPLETED FORMS WITH THEIR PROPOSAL PACKAGE.

IF THERE ARE UNFORESEEN CIRCUMSTANCES AND THE CLIENT CANNOT RETURN COMPLETED FORM DIRECTLY TO THE PROPOSER, COMPLETED FORMS MAY BE DIRECTLY SUBMITTED TO:
PURCHASING@NORTHPORTFL.GOV REFERENCING THE RFP #: 2025-12.

THE CITY RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

NOTE: IF COMPLETED REFERENCES ARE NOT RETURNED TO PURCHASING, IT MAY AFFECT THE EVALUATION RATING.

ATTACHMENT 4
REFERENCE AND PERFORMANCE QUESTIONAIRRE VERIFICATION FORM

RFP 2025-12 Professional Utility Engineering Services – Continuing Services for City of North Port
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)
FIRM NAME: CDM Smith Inc.
ADDRESS: 401 N. Cattlemen Road, Suite 110, Sarasota, FL 34232
Telephone number#: 941.366-8108
E-mail: saarinenja@cdmsmith.com
Point of Contact Justin Saarinen, GISP; Principal Contact Phone Number 941.780.7028
2. Worked Performed as <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (Explain) Percent of project work performed 80 % If Subcontractor, who was the prime (Name/Phone #) N/A
3. CONTACT INFORMATION Contract Number: 190-0457-CN Contract Type: <input type="checkbox"/> Firm Fixed Price <input type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (please specify): Time & Materials Contract Title: Utilities Continuing Professional Engineering Services on an as needed basis Contract Location: Pinellas County, FL Award Date (mm/dd/yy) April 27, 2021 Actual Completion Date: Ongoing Continuing Services Contract Original Contract Price (Award Amount): Varies (CCNA task order based contract) Final Contract Price (to include all modifications, if applicable): Varies (CCNA task order based contract) Explain the Difference: N/A
4. PROJECT DESCRIPTION: Complexity of Work <input type="checkbox"/> HIGH <input type="checkbox"/> MED <input checked="" type="checkbox"/> ROUTINE How is this project relevant to project submission? Continuing engineering services contract for water supply and treatment; transmission, distribution and collection pipe networks; wastewater treatment facilities; utility relocations; wastewater pumping systems; hydraulic system network modeling; Geographic Information Systems (GIS); instrumentation and controls; Supervisory Control and Data Acquisition (SCADA); and hydrogeology related projects.. Under this contract CDM Smith provides a variety of professional engineering services on an as-needed/task order basis.

5. CLIENT INFORMATION			
Name:	Craig Osmanski, PE	Title:	Project Manager
Name of Entity:	Pinellas County Utilities Engineering Department		
Phone	Number:	727.225.2218	E-Mail:
cosmanski@pinellas.gov			

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: <u>8+</u> Months: _____
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>10</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>03/30/25</u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): _____

Craig Osmanski

Signature

INSTRUCTIONS:

PROPOSER WILL SEND THIS FORM TO EACH REFERENCED CLIENT LISTED ON ATTACHMENT 3. THE CLIENT IS TO COMPLETE THIS FORM AND RETURN DIRECTLY BACK TO THE PROPOSER. THE PROPOSER WILL SUBMIT THE COMPLETED FORM WITH THEIR PROPOSAL. IT IS THE PROPOSER'S RESPONSIBILITY TO OBTAIN AND SUBMIT ALL COMPLETED FORMS WITH THEIR PROPOSAL PACKAGE.

IF THERE ARE UNFORESEEN CIRCUMSTANCES AND THE CLIENT CANNOT RETURN COMPLETED FORM DIRECTLY TO THE PROPOSER, COMPLETED FORMS MAY BE DIRECTLY SUBMITTED TO:
PURCHASING@NORTHPORTFL.GOV REFERENCING THE RFP #: 2025-12.

THE CITY RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

NOTE: IF COMPLETED REFERENCES ARE NOT RETURNED TO PURCHASING, IT MAY AFFECT THE EVALUATION RATING.

ATTACHMENT 4
REFERENCE AND PERFORMANCE QUESTIONAIRRE VERIFICATION FORM

RFP 2025-12 Professional Utility Engineering Services – Continuing Services for City of North Port
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)
FIRM NAME: CDM Smith Inc.
ADDRESS: 401 N. Cattlemen Road, Suite 110, Sarasota, FL 34232
Telephone number#: 941.366-8108
E-mail: saarinenja@cdmsmith.com
Point of Contact Justin Saarinen, GISP; Principal Contact Phone Number 941.780.7028
2. Worked Performed as <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (Explain) Percent of project work performed <u>80</u> % If Subcontractor, who was the prime (Name/Phone #) <u>N/A</u>
3. CONTACT INFORMATION Contract Number: <u>U2016104</u> Contract Type: <input type="checkbox"/> Firm Fixed Price <input checked="" type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (please specify): <u>Time & Materials</u> Contract Title: <u>Professional Engineering Services on Contractual Basis for engineering services for Wastewater Treatment Works Improvements</u> Contract Location: <u>Punta Gorda, FL</u> Award Date (mm/dd/yy) <u>03/21/2018</u> Actual Completion Date: <u>Ongoing Continuing Services Contract</u> Original Contract Price (Award Amount): <u>Varies (CCNA task order based contract)</u> Final Contract Price (to include all modifications, if applicable): <u>Varies (CCNA task order based contract)</u> Explain the Difference: _____
4. PROJECT DESCRIPTION: Complexity of Work <input type="checkbox"/> HIGH <input type="checkbox"/> MED <input checked="" type="checkbox"/> ROUTINE How is this project relevant to project submission? Continuing engineering services contract for various public works and utilities projects which includes the wastewater treatment works improvements. Under this contract CDM Smith provided a variety of professional engineering services on an as-needed/task order basis.

5. CLIENT INFORMATION			
Name:	Steven Leonard	Title:	Senior Project Manager
Name of Entity:	City of Punta Gorda, FL Utilities		
Phone Number:	941.575.5059	E-Mail:	
	sleonard@cityofpuntagordafl.com		

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you? Ongoing	Years: _____ Months: _____
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	9 _____
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) 3/28/25 _____

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): _____
 CDM has done an excellent job for the City

Steven Leonard

Digitally signed by Steven Leonard
DN: dc=GOV, dc=MIS, ou=City Users, ou=Utilities,
cn=Steven Leonard,
email=SLeonard@cityofpuntafordafl.com
Date: 2025.03.28 09:45:52 -04'00'

Signature

INSTRUCTIONS:

PROPOSER WILL SEND THIS FORM TO EACH REFERENCED CLIENT LISTED ON ATTACHMENT 3. THE CLIENT IS TO COMPLETE THIS FORM AND RETURN DIRECTLY BACK TO THE PROPOSER. THE PROPOSER WILL SUBMIT THE COMPLETED FORM WITH THEIR PROPOSAL. IT IS THE PROPOSER'S RESPONSIBILITY TO OBTAIN AND SUBMIT ALL COMPLETED FORMS WITH THEIR PROPOSAL PACKAGE.

IF THERE ARE UNFORESEEN CIRCUMSTANCES AND THE CLIENT CANNOT RETURN COMPLETED FORM DIRECTLY TO THE PROPOSER, COMPLETED FORMS MAY BE DIRECTLY SUBMITTED TO:
PURCHASING@NORTHPORTFL.GOV REFERENCING THE RFP #: 2025-12.

THE CITY RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

NOTE: IF COMPLETED REFERENCES ARE NOT RETURNED TO PURCHASING, IT MAY AFFECT THE EVALUATION RATING.

ATTACHMENT 4
REFERENCE AND PERFORMANCE QUESTIONNAIRE VERIFICATION FORM

RFP 2025-12 Professional Utility Engineering Services – Continuing Services for City of North Port
It is the intent of the City of North Port to request proposals from experienced and qualified firms for professional engineering services for the City of North Port.

1. Contractor Information (Proposer information)
FIRM NAME: CDM Smith Inc.
ADDRESS: 401 N. Cattlemen Road, Suite 110, Sarasota, FL 34232
Telephone number#: 941.366-8108
E-mail: saarinenja@cdmsmith.com
Point of Contact Justin Saarinen, GISP; Principal Contact Phone Number 941.780.7028
2. Worked Performed as <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (Explain) Percent of project work performed <u>80</u> % If Subcontractor, who was the prime (Name/Phone #) <u>N/A</u>
3. CONTACT INFORMATION Contract Number: <u>00523232</u> Contract Type: <input type="checkbox"/> Firm Fixed Price <input type="checkbox"/> Cost Reimbursement <input checked="" type="checkbox"/> Other (please specify): <u>Time & Materials</u> Contract Title: <u>Miscellaneous Professional Services for Potable Water, Wastewater and Reclaimed Water Projects 07</u> Contract Location: <u>City of St. Petersburg, FL</u> Award Date (mm/dd/yy) <u>07/15/2021</u> Actual Completion Date: <u>Ongoing Continuing Services Contract</u> Original Contract Price (Award Amount): <u>Varies (CCNA task order based contract)</u> Final Contract Price (to include all modifications, if applicable): <u>Varies (CCNA task order based contract)</u> Explain the Difference: _____
4. PROJECT DESCRIPTION: Complexity of Work <input type="checkbox"/> HIGH <input type="checkbox"/> MED <input checked="" type="checkbox"/> ROUTINE How is this project relevant to project submission? Continuing engineering services contract for potable water, wastewater, and reclaimed water projects. Under this contract CDM Smith provided a variety of professional engineering services on an as-needed/task order basis.

5. CLIENT INFORMATION			
Name:	Chad Witbracht	Title:	Senior Capital Projects Coordinator
Name of Entity:	City of St. Petersburg		
Phone Number:	(727) 893-7410	E-Mail:	
	Chad.Witbracht@stpete.org		

PERFORMANCE EVALUATION	(CHECK) "YES" OR "NO"
1. Was the scope of work performed similar in nature?	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
2. Did this company have the proper resources and personnel by which to get the job done? If no, please describe: _____ _____ _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
3. Were any problems encountered with the company's work performance? If yes, please describe: _____ _____ _____	<input type="checkbox"/> YES OR <input checked="" type="checkbox"/> NO
4. How long did the company/individual work for you?	Years: <u>3</u> Months: <u>8</u>
5. On a scale of 1 to 10, 10 being best, how would you rate the overall work performance, considering professionalism; final product; personnel; resources. Rate from 1 to 10. (10 being highest)	<u>10</u>
6. If the opportunity were to present itself, would you rehire this company? If no, please state why: _____	<input checked="" type="checkbox"/> YES OR <input type="checkbox"/> NO
7. Date Questionnaire completed	(mm/dd/yy) <u>03/31/25</u>

8. Please provide any additional comments pertinent to this company and the work performed for you (you may use additional pages): _____
See attached

Chad W. Witbracht Digitally signed by Chad W.
Witbracht
Date: 2025.03.31 10:34:04 -04'00'

Signature

INSTRUCTIONS:

PROPOSER WILL SEND THIS FORM TO EACH REFERENCED CLIENT LISTED ON ATTACHMENT 3. THE CLIENT IS TO COMPLETE THIS FORM AND RETURN DIRECTLY BACK TO THE PROPOSER. THE PROPOSER WILL SUBMIT THE COMPLETED FORM WITH THEIR PROPOSAL. IT IS THE PROPOSER'S RESPONSIBILITY TO OBTAIN AND SUBMIT ALL COMPLETED FORMS WITH THEIR PROPOSAL PACKAGE.

IF THERE ARE UNFORESEEN CIRCUMSTANCES AND THE CLIENT CANNOT RETURN COMPLETED FORM DIRECTLY TO THE PROPOSER, COMPLETED FORMS MAY BE DIRECTLY SUBMITTED TO:
PURCHASING@NORTHPORTFL.GOV REFERENCING THE RFP #: 2025-12.

THE CITY RESERVES THE RIGHT TO VERIFY ANY AND ALL INFORMATION ON THIS FORM.

NOTE: IF COMPLETED REFERENCES ARE NOT RETURNED TO PURCHASING, IT MAY AFFECT THE EVALUATION RATING.

To Whom It May Concern,

I am pleased to provide this letter of recommendation for CDM Smith in recognition of their outstanding engineering services for the City of St. Petersburg's Potable Water, Wastewater, and Reclaimed Water Projects.

CDM Smith has consistently demonstrated technical expertise, professionalism, and adaptability, particularly during City project management transitions. During a change in project leadership, they ensured continuity, keeping objectives, schedules, and budgets on track without disruption. Their ability to seamlessly navigate these transitions has been invaluable to maintaining project momentum and efficiency.

Their strong communication, responsiveness, and collaborative approach have fostered effective teamwork between City staff and stakeholders. CDM Smith consistently demonstrates problem-solving skills and flexibility, adjusting to evolving project needs while upholding the highest standards of quality and efficiency. Their dedication and reliability make them a trusted partner in our infrastructure projects.

I highly recommend CDM Smith for future consulting opportunities and am confident they will continue to provide exceptional service. Please feel free to contact me if you require further information.

Sincerely,

Chad Witbracht
Senior Capital Projects Coordinator
Engineering and Capital Improvements
City of St. Petersburg
(727) 893-7410
Chad.Witbracht@stpete.org



Tab 7
Litigation
and Insurance



Litigation and Insurance

Because of its size and volume of business, CDM Smith Inc. has occasionally been involved in litigation. There have been no litigation proceedings within the past five (5) years that could adversely affect the financial position or ability of the firm to perform its contractual commitments. Below is a list of lawsuits filed against CDM Smith Inc. over the past five (5) years involving performance of utility services.

Date Filed	Case Name	Forum	Description	Status
02-Dec-23	The Trustees of Trinity College v. CDM Smith Inc. and Empire Paving Inc.	Superior Court, Judicial District of Hartford	Plaintiff Trinity College alleges drilling during pipe installation damaged the foundation of its boathouse.	Pending
22-Dec-22	City of Shreveport v. CDM Smith Inc., et al	Parish of Caddo, LA, First Judicial District of Court	Plaintiff sued 28 entities (engineers and contractors) performing work on a multi-year sanitary sewer rehabilitation program pursuant to the City's Consent Decree with the EPA. CDM Smith served as the Program Manager. Plaintiff alleges negligence and breach of contract against the named defendants.	Pending
19-Nov-21	New England Building & Bridge Co., Inc. v. Town of Cohasset v. CDM Smith Inc.	US District Court for the District of MA	Third party complaint against CDM Smith for indemnification alleging deficient design	Closed
20-Jul-21	Reed Street Yards LLC v. CDM Smith Inc., Gestra Engineering, Inc., The Sigma Group, Inc.	Milwaukee County (WI) Circuit Court	Plaintiff alleges negligence in design of stormwater diversion structure and conveyance system.	Closed
30-Mar-21	City of Largo, FL v. Greeley and Hansen LLC v. CDM Smith Inc.	Circuit Court for 6 th Judicial Circuit for Pinellas County FL	Third party plaintiff brought indemnity action against CDM Smith alleging deficient engineering services.	Closed
22-Feb-21	Lake Cooper Maintenance Fund, Inc. v. South Carolina Department of Transportation, County of Charleston, et al. including CDM Smith Inc.	Charleston Cty (SC) Court of Common Pleas, 9 th Judicial Circuit	Plaintiff alleges defendants' negligence caused harm to the ecosystem and properties surrounding Lake Cooper.	Closed
16-Jul-20	Springfield Water and Sewer Commission v. Ludlow Construction Company Inc., CDM Smith Inc., and Tis Nuoval, S.R.L.	Hampden County (MA) Superior Court	Plaintiff alleges deficient services in water treatment plant project.	Pending



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
12/27/2024

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

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

PRODUCER Aon Risk Services Northeast, Inc. Boston MA Office 53 State Street Suite 2201 Boston MA 02109 USA	CONTACT NAME: PHONE (A/C. No. Ext): 866-283-7122 FAX (A/C. No.): 800-363-0105 E-MAIL ADDRESS:														
INSURED CDM Smith Inc. 75 State Street Suite 701 Boston MA 02109 USA	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Hartford Fire Insurance Co.</td> <td>19682</td> </tr> <tr> <td>INSURER B: ACE Property & Casualty Insurance Co.</td> <td>20699</td> </tr> <tr> <td>INSURER C: Underwriters At Lloyds London</td> <td>15792</td> </tr> <tr> <td>INSURER D: Hartford Accident & Indemnity Company</td> <td>22357</td> </tr> <tr> <td>INSURER E: Twin City Fire Insurance Company</td> <td>29459</td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Hartford Fire Insurance Co.	19682	INSURER B: ACE Property & Casualty Insurance Co.	20699	INSURER C: Underwriters At Lloyds London	15792	INSURER D: Hartford Accident & Indemnity Company	22357	INSURER E: Twin City Fire Insurance Company	29459	INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A: Hartford Fire Insurance Co.	19682														
INSURER B: ACE Property & Casualty Insurance Co.	20699														
INSURER C: Underwriters At Lloyds London	15792														
INSURER D: Hartford Accident & Indemnity Company	22357														
INSURER E: Twin City Fire Insurance Company	29459														
INSURER F:															

COVERAGES CERTIFICATE NUMBER: 570110067935 REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	Limits shown are as requested	
							LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			08CSEQU4161	01/01/2025	01/01/2026	EACH OCCURRENCE	\$2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
							MED EXP (Any one person)	\$15,000
							PERSONAL & ADV INJURY	\$2,000,000
							GENERAL AGGREGATE	\$4,000,000
							PRODUCTS - COMP/OP AGG	\$4,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" 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			08 UEN QU4162	01/01/2025	01/01/2026	COMBINED SINGLE LIMIT (Ea accident)	\$2,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION			XEUG28194687009	01/01/2025	01/01/2026	EACH OCCURRENCE	\$10,000,000
							AGGREGATE	\$10,000,000
D	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	08WNQU4160 AOS 08WBRQU4163 WI	01/01/2025	01/01/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
E					01/01/2025	01/01/2026	E.L. EACH ACCIDENT	\$1,000,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000
C	<input checked="" type="checkbox"/> Architects & Engineers Professional			PSDEF2500033 Professional/Claims Made	01/01/2025	01/01/2026	Each Claim Aggregate	\$5,000,000 \$5,000,000

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

CERTIFICATE HOLDER CDM Smith Inc. 75 State Street, Suite 701 Boston MA 02109 USA	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
--	--

Holder Identifier :

Certificate No : 570110067935





Tab 8
Additional
Information



Additional Information

CDM Smith has provided services during design, bidding, and construction for water, wastewater, reclaimed water, stormwater, and utility infrastructure projects as demonstrated below.

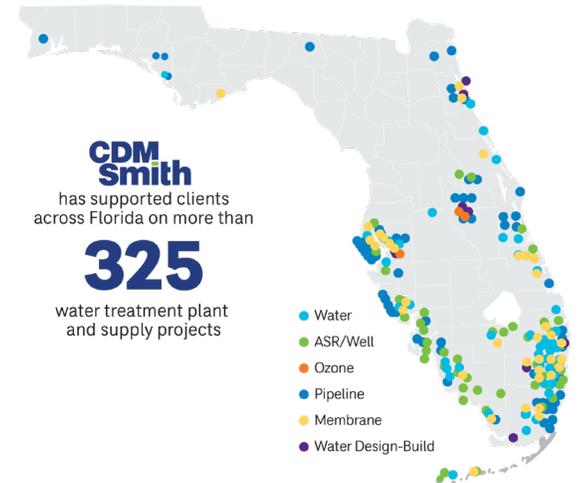
Water

Drinking water supply, treatment, and distribution has been our core business since our founding in 1947. As a firm, CDM Smith has completed more than 2,500 WTP projects and designed 1,500 new or expanded WTPs. Locally, we have been leading the way in WTP projects for nearly 50 years with more than 400 WTP projects across the state. As one of the industry’s top ranked firms in water, we have a holistic understanding of WTP design, construction, and operation, allowing us to effectively manage your projects. One-third of our more than 6,400 worldwide staff are dedicated to the drinking water field. CDM Smith has also performed more than 300 water system analyses across the nation during the past 10 years. Our experience involves every aspect of watermain and treatment plant field testing, hydraulic modeling, water quality modeling, demand projections, master planning, state-of-the-art computer system and database management, and hands-on model training.

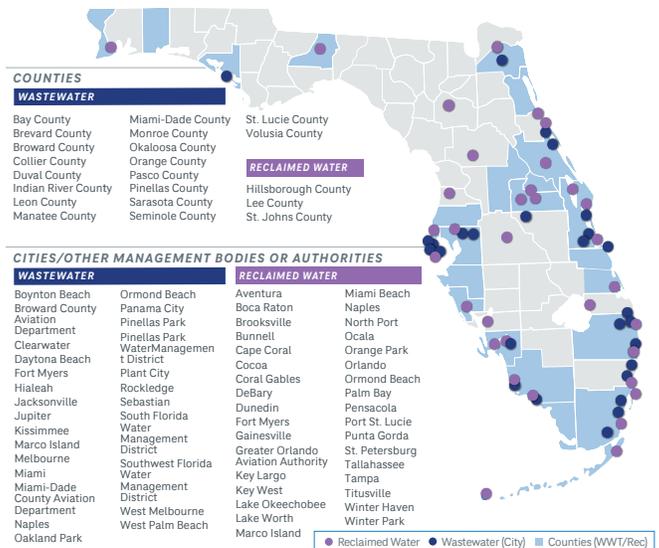
Wastewater

Our wastewater planning, design, permitting, and construction management experience includes more than 220 clients in 46 states since 2000. In Florida, CDM Smith has completed more than 300 WWTP and WRF related projects in the last 10 years. Our team specializes in the planning, design, and construction of WWTP expansions and upgrades, as well as pumping stations in large, congested urban environments. CDM Smith has evaluated and designed wastewater collection and transmission systems, pumping stations, and large- and small-scale treatment facilities. We have performed odor and corrosion control studies, infiltration/inflow (I/I) analyses, sewer system evaluation studies, and sewer rehabilitation projects. Our extensive experience in the design of WWTPs includes design treatment capacity and performance analyses, biosolids management plans, plant operations and control facilities, and energy management systems. Our extensive experience with the design of more than 1,500 wastewater pollution control and treatment plants—ranging in capacity from less than 1 mgd to more than 1 bgd—includes the complete array of wastewater treatment processes, plant operation and control facilities, and energy management systems. Our design and construction experience encompasses a wide variety of treatment process types and facilities for primary, secondary, and advanced levels of treatment for completely new construction, as well as for

CDM Smith's Water Treatment and Supply Experience in Florida



CDM Smith's Reclaimed and Wastewater Experience in Florida



rehabilitation, expansion, and upgrade of existing facilities. Our treatment experience includes process evaluation, design, pilot testing, construction, design-build, odor control, cost-benefit analysis, resource strategies, and industrial pretreatment. Specific treatment strategies include high-rate clarification, membrane treatment, biological nutrient removal (BNR), and ultraviolet (UV) disinfection.

Reclaimed Water

CDM Smith is a recognized leader and innovator in the field of water reuse. When the US Environmental Protection Agency (EPA) wanted to promote and encourage water reuse, they chose CDM Smith to prepare and update their Guidelines for Water Reuse in 1980, 1992, 2004, 2010, 2012, 2015, and 2017. This planning document highlights the principal steps of planning for a reclaimed water program. It addresses technical matters, siting economics, legal and institutional issues, health issues, and public involvement. We have conducted over 300 water reuse projects encompassing a wide range of services and technologies, including reclaimed utility development, modeling, planning, design, permitting, and construction.

Stormwater

CDM Smith has a long history of water resources planning, including design, permitting, and management involvement with over 300 water resource programs across Florida, the U.S., and the world. As a firm, we are committed to water resources engineering and the stewardship of natural resources that support clean water and watersheds, including the control of water flow through urban, suburban, and agricultural areas in coordination with maintaining healthy and adequate water supplies. From our industry-defining water management studies in the 1940s to our involvement in market-shaping projects today, we have provided hundreds of clients with innovative water resources services. We have developed innovative solutions for these projects that have saved our clients over \$240M in the last 20 years on more than \$500M of water resources infrastructure. Our local stormwater experience is with several municipalities that are roughly the same size as the City with many of the same stormwater conditions.

Multi-disciplinary Local Firm

CDM Smith is a multi-disciplined engineering firm with full service capabilities. In addition to our core water, wastewater, environmental, and stormwater, we have local mechanical, structural, architectural, electrical, and instrumentation professionals based in our Florida offices.

Hydraulic Modeling

Over the past five years alone, we have performed hundreds water and wastewater hydraulic modeling projects for clients throughout Florida and are experienced with H2ONet, Innovyze InfoWater, Innovyze InfoWorks ICM, Bentley WaterGEMS, KY Pipe, EPANET, Autodesk HydraulCAD, PIPE-FLO, and Visual Hydraulics.

Evaluation of Bids and Proposals for Construction Projects

Our general approach to developing procurement documents and contracts consists of using workshops with City and CDM Smith staff at key development points and preparing, distributing, and discussing issue-focused materials in advance of detailed drafts of procurement documents.

Permit Coordination

Preparation of bid documents including bid tabulation, regular contractor meetings, shop drawing review, responding to contractor's request for information, and reviewing and approving contractor payment requests.

Construction Administration

Our extensive experience in permitting local water, wastewater, and stormwater projects and associated pipelines and equipment, provides valuable insight into the necessary design elements and relations with the regulatory agencies. Further, we actively participate in regulatory task forces and rule-making committees with the Florida Department of Environmental Protection (FDEP) and the Environmental Protection Agency (EPA).

Operation and Maintenance Training

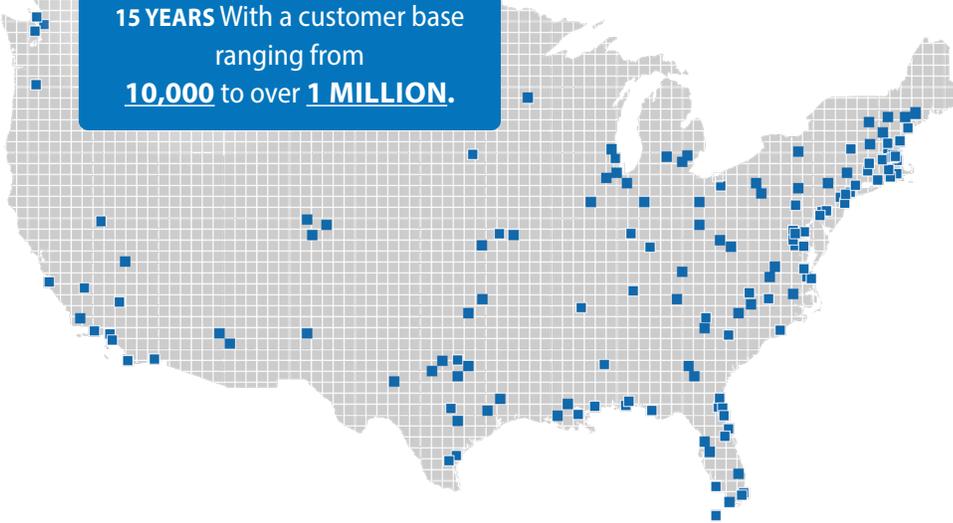
Engagement of your operations must begin as early. While this approach may seem difficult to execute, we create project-specific collaborative O&M work groups during design submittal/workshops that include operators. We then utilize 3D modeling (BIM) to enable participants to visualize the equipment and system relationships so that O&M activities can be further analyzed.

Asset Management (AM)/Data Integration

CDM Smith has planned, developed, and implemented AM programs across the country for utilities of all sizes, from small communities to some of the largest utilities in the world. The hallmark of our approach is to tailor a program that addresses the unique business and operating requirements of each client.

120+ AM Projects

Developed and implemented over the Past
15 YEARS With a customer base
ranging from
10,000 to over **1 MILLION.**



35 Years

Implementing AM, GIS, and Technology Solutions
for Utility and Governmental Clients

130+

Asset Management and GIS Staff

100+

Web & Mobile GIS Apps

120+

Asset Management Implementations

200+

GIS & Technology Environments Implemented

SCADA & Automation

CDM Smith employs over 90 full-time automation staff involved in the design, programming, installation, and training of PCS and SCADA systems. Because of CDM Smith's rich history in water and wastewater, our automation professionals have worked exclusively on these types of projects. While many of our automation assignments are components of larger water or wastewater projects, our staff has successfully led numerous stand-alone automation projects for the nation's leading utilities. With annual revenues of over \$25M related to PCS/SCADA projects, CDM Smith's automation practice is one of the largest amongst the top water and wastewater engineering firms in the country.

Automation Projects at the Forefront of the Industry

CDM Smith has been involved in the engineering industry, and specifically the water industry, for 76 years (since 1947). We have designed more than 1,000 SCADA systems around the country. As illustrated, our history and experience have enabled us to achieve a number of automation accomplishments—accomplishments that demonstrate our team's technical capabilities, commitment to innovative solutions, and ability to solve challenging problems.

I. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts

<p>31. SIGNATURE</p> 	<p>32. DATE</p> <p>April 4, 2025</p>
<p>33. NAME AND TITLE</p> <p>Justin Saarinen, GISP, Principal</p>	



Tab 9

City Required Forms



REQUIREMENTS AND METHOD OF SUBMITTAL

TAB 9 - CITY REQUIRED 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. It is the responsibility of each Proposer to read and comply with the solicitation in its entirety.

A. REQUIRED SUBMITTAL FORMS: Provide fully executed forms.

- ATTACHMENT 1:** Proposal Submittal Signature Form
- ATTACHMENT 2:** Statement of Organization
- ATTACHMENT 3:** References/Client Listing **Included in Tab 6**
- ATTACHMENT 4:** Reference and Performance Questionnaire Verification Form **Included in Tab 6**
- ATTACHMENT 5:** Drug-Free Workplace
- ATTACHMENT 6:** Public Entity Crime Information
- ATTACHMENT 7:** Non-Collusive Affidavit
- ATTACHMENT 8:** Lobbying Certification
- ATTACHMENT 9:** Conflict of Interest Form
- ATTACHMENT 10:** Disclosure Form (Consultant/Engineer/Architect)
- ATTACHMENT 11:** Scrutinized Company Certificate
- ATTACHMENT 12:** Vendor's Certification For E-Verify System
- ATTACHMENT 13:** Certification Regarding Debarment, Suspension, and other Responsibility Matters
- ATTACHMENT 14:** Certification Regarding Lobbying – Federal
- ATTACHMENT 15:** Affidavit of Compliance Regarding Foreign Entity of Concern Laws
- ATTACHMENT 16:** Anti-Human Trafficking Affidavit

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. **Included in Tab 7**

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

YES, CLAIMING STATUS AS PRIME ONLY

YES, I'VE ATTACHED THE CERTIFICATE OF MBE/WBE STATUS FROM THE STATE OF FLORIDA AS OUTLINED SECTION 1.

NOT CLAIMING DBE/MBE/WBE /VBE

PLEASE INITIAL AND RETURN WITH YOUR PROPOSAL.  THIS PAGE MUST BE COMPLETED AND RETURNED WITH PROPOSAL.

**ATTACHMENT 2
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: CDM Smith Inc.

DBA (if any): N/A

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

Business Address: 401 N. Cattlemen Road, Suite 110, Sarasota, FL 34232

Phone: 941.780.7028 **Fax:** 239.339.6418

E-Mail saarinenja@cdmsmith.com

Print Name and Title of person authorized to bind: Justin Saarinen, GISP; Principal

Federal Identification Number: 04-2473650

Signature: 

Respondent shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law. **See Attached to this form on the following page.**

(Please Check One)

Is this a Florida Corporation: Yes or No

If not a Florida Corporation,
In what state was it created: Massachusetts
Name as spelled in that State: CDM Smith 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.: 832235

Does it use a registered fictitious name: Yes or No

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

Names of Officers:

President: Anthony Bouchard **Secretary:** Paul T Milligan

Vice President: Thierry Desmaris **Treasurer:** Christopher Campbell

Director: Mario Marcaccio **Director:** Mario Walters

Other: Timothy B Wall (CEO) Other: Jason Makofsky (Asst. Secretary)

Name of Corporation (As used in Florida):

CDM Smith Inc.
(Spelled exactly as it is registered with the state or federal government)

Corporate Address:

Post Office Box: N/A
City, State Zip: N/A
Street Address: 75 State Street, Suites 705,
City, State, Zip: Boston, MA, 02109

STATE OF Florida
COUNTY OF Orange

Sworn to and subscribed before me this 4th day of April, 2025, by Justin Saarinen, GISP; Principal who is personally known to me or has produced his/her driver's license as identification.



CRISTA STOREY-BELROSE
Notary Public
State of Florida
Comm# HH189002
Expires 10/21/2025

Crista Storey Belrose
Notary Public - State of Florida
Print Name: Crista Storey-Belrose
Commission No: HH189002

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

State of Florida

Department of State

I certify from the records of this office that CDM SMITH INC. is a Massachusetts corporation authorized to transact business in the State of Florida, qualified on April 23, 1974.

The document number of this corporation is 832235.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on February 7, 2024, 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 Seventh day of February, 2024*




Secretary of State

Tracking Number: 4649402245CC

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

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

**ATTACHMENT 5
DRUG FREE WORKPLACE FORM**

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that
CDM Smith 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

April 04, 2025

Date

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

**ATTACHMENT 6
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, Justin Saarinen, GISP; Principal, being an authorized representative of the Respondent, CDM Smith Inc., located at 401 N. Cattlemen Road, Suite 110

City: Sarasota State: Florida Zip Code: 34232, have read and understand the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

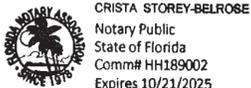
Signature:  Date: April 4, 2025

Telephone #: 941.780.7028 Fax #: 239.339.6418

Federal ID #: 04-2473650

STATE OF Florida
COUNTY OF Orange

Sworn to and subscribed before me this 4th day of April, 2025, by Justin Saarinen, GISP; Principal who is personally known to me or has produced his/her driver's license as identification.




Notary Public - State of Florida

Print Name: Crista Storey-Belrose

Commission No: HH189002

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

**ATTACHMENT 7
NON-COLLUSIVE AFFIDAVIT**

State of Florida }
County of Orange } SS.

Before me, the undersigned authority, personally appeared:
Justin Saarinen, GISP; Principal who, being first duly sworn, deposes and says that:

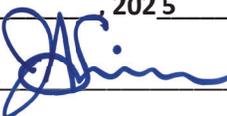
1. He/She is the Representative (Owner, Partner, Officer, Representative or Agent) of CDM Smith Inc., the Respondent that has submitted the attached reply;

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 4th day of April, 2025.

By: 

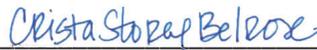
Justin Saarinen, GISP
(Printed Name)
Principal
(Title)

STATE OF Florida
COUNTY OF Orange

Sworn to and subscribed before me this 4th day of April, 2025, by Justin Saarinen, GISP; Principal who is personally known to me or has produced his/her driver's license as identification.



CRISTA STOREY-BELROSE
Notary Public
State of Florida
Comm# HH189002
Expires 10/21/2025


Notary Public - State of Florida
Print Name: Crista Storey-Belrose
Commission No: HH189002

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

**ATTACHMENT 8
LOBBYING CERTIFICATION**

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

STATE OF Florida

COUNTY OF Orange

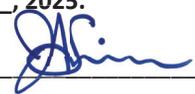
This 4th day April of 2025

Justin Saarinen, GSIP; Principal, being first duly sworn, deposes and says that he or she is the authorized representative of CDM Smith 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 4th day of April, 2025.

By: 

Justin Saarinen, GSIP
(Printed Name)
Principal
(Title)

STATE OF Florida
COUNTY OF Orange

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 4 day of April 2025, by Justin Saarinen, GSIP; Principal



CRISTA STOREY-BELROSE
Notary Public
State of Florida
Comm# HH189002
Expires 10/21/2025


Notary Public – State of Florida

Personally Known OR Produced Identification
Type of Identification Produced

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL

ATTACHMENT 9
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:

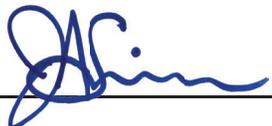
Are you going to request an advisory board member waiver?

- 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: CDM Smith Inc.

SIGNATURE: _____



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

ATTACHMENT 10
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: CDM Smith Inc.

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): Justin Saarinen, GISP

SIGNATURE: 

DATE: April 04, 2025

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

ATTACHMENT 11
SCRUTINIZED COMPANY CERTIFICATION FORM

Contractor Name: CDM Smith Inc.
Authorized Representative Name and Title: Justin Saarinen, GISP; Principal
Address: 410 N. Cattlemen Road, Suite 110 City: Sarasota State: FL ZIP:
34232
Phone Number: 941.780. 7028 Email Address:
saarinenja@cdmsmith.com

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

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

CHOOSE ONE OF THE FOLLOWING

This 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:



Signature of Contractor's Authorized Representative

Justin Saarinen, GISP

Name

Principal

Title

April 4, 2025

Date

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

**ATTACHMENT 12
VENDOR'S CERTIFICATION FOR E-VERIFY SYSTEM**

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

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

VENDOR: CDM Smith Inc. (Vendor's Company Name)

Certified By: 

AUTHORIZED REPRESENTATIVE SIGNATURE

Print Name and Title: Justin Saarinen, GISP; Principal

Date Certified: April 04, 2025

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL

ATTACHMENT 13
CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS
PRIMARY COVERED TRANSACTIONS

This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000.

The Contractor certifies that, neither the firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR s29.110(a), by any federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or public contract; violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) has within a three-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.

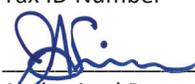
The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the City of North Port.

The Contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by the City of North Port. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the City of North Port, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer.

The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.

<u>CDM Smith Inc.</u>	<u>04-2473650</u>	<u>05-599-0261</u>
Company Name (Contractor)	Tax ID Number	DUNS Number
<u>Justin Saarinen, GISP</u>		
Authorized Representative Name	Authorized Representative Signature	

<u>04-2473650</u>	<u>05-599-0261</u>	<u>OLPG5</u>
Federal Issued Tax Identification Number (If Social Security number DO NOT enter)	DUNS Number	CAGE Code issued through www.sam.gov
		DATE: <u>April 04, 2024</u>

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL

ATTACHMENT 14

- CERTIFICATION REGARDING LOBBYING-FEDERAL

The undersigned certifies, to the best of his or her knowledge, that:

1. No Federal 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 an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.



Signature of Contractor's Authorized
Representative

Justin Saarinen, GISP

Name

Principal

Title

April 04, 2025

Date

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL

ATTACHMENT 15
AFFIDAVIT OF COMPLIANCE REGARDING FOREIGN ENTITY OF CONCERN LAWS

The undersigned, on behalf of the entity listed below (“Entity”), hereby attests and declares as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Florida Statutes Section 287.138.
2. The government of a foreign country of concern does not have a controlling interest in Entity.
3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern.
4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Florida Statutes Section 692.201.
5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Florida Statutes Section 692.201, or a subsidiary of such entity.
6. Entity is not a foreign principal, as defined in Florida Statutes Section 692.201.
7. Entity complies, if purchasing real property, with all applicable requirements of Florida Statutes Sections 692.202, 692.203, and 692.204.
8. If purchasing real property, Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (1) not a person or entity described in Florida Statutes Section 692.204(1)(a) or (2) authorized under Florida Statutes Section 692.204(2) to purchase the subject property. Entity complies with the requirements of Florida Statutes Section 692.204.
9. The undersigned is authorized to execute this affidavit on behalf of Entity.

Under penalties of perjury, I declare that I have read the foregoing document and that the facts stated in it are true.

ENTITY

CDM SMITH INC. [insert name of legal entity, in bold ALLCAPS]

 [signature]

JUSTIN SAARINEN, GISP [insert name and title]

APRIL 04, 2025 [insert date]

ATTACHMENT 16
Anti-Human Trafficking Affidavit

Instructions: This form must be completed by an officer or representative of an entity registering as a vendor, entering into, renewing, or extending, a contract with the City of North Port.

The undersigned, on behalf of CDM Smith Inc. ("Entity"), verifies the following:

A. I have read and understand that Florida Statutes Section 787.06(13), prohibits the City of North Port ("City") from executing, renewing, or extending a contract to entities that use coercion for labor or services, with such terms defined in Florida Statutes Section 787.06(2) as follows:

- **"Coercion"** means: **(1)** using or threatening to use physical force against any person; **(2)** restraining, isolating, or confining or threatening to restrain, isolate, or confine any person without lawful authority and against her or his will; **(3)** using lending or other credit methods to establish a debt by any person when labor or services are pledged as a security for the debt, if the value of the labor or services as reasonably assessed is not applied toward the liquidation of the debt, the length and nature of the labor or services are not respectively limited and defined; **(4)** destroying, concealing, removing, confiscating, withholding, or possessing any actual or purported passport, visa, or other immigration document, or any other actual or purported government identification document, of any person; **(5)** causing or threatening to cause financial harm to any person; **(6)** enticing or luring any person by fraud or deceit; or **(7)** providing a controlled substance as outlined in Schedule I or Schedule II of Section 893.03, Florida Statutes, to any person for the purpose of exploitation of that person.
- **"Labor"** means work of economic or financial value.
- **"Services"** means any act committed at the behest of, under the supervision of, or for the benefit of another. The term includes, but is not limited to, forced marriage, servitude, or the removal of organs.

B. I declare, under penalties of perjury, that Entity does not use coercion for labor or services as defined in Florida Statutes Section 787.06(2).

C. I understand that this affidavit applies to any City contract executed, renewed, or extended for the duration of the contract; and the Entity must execute and submit this affidavit at least annually in the vendor registration and renewal process.

I, the undersigned, understand and affirm that the above statements are based upon personal knowledge; that I am over the age of 18 years and otherwise competent to make the above statements; and am authorized to legally bind the Entity, and make the above statements on behalf of Entity. **Under penalties of perjury, I declare that I have read the forgoing document and that the facts stated in it are true.**

Authorized Signature: 

Date: April 04, 2025

Printed Name: Justin Saarinen, GISP

Title: Principal

STATE OF Florida
COUNTY OF Orange

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 04 day of April, 2025, by Justin Saarinen, GISP, as Principal of CDM Smith Inc., the Entity, and is personally known to me or produced identification. Type of Identification produced _____.

Crista Storey-Belrose
Signature of Notary Public
Crista Storey-Belrose

Name of Notary Typed, Printed or Stamped
My Commission Expires: 10.21.2025



CRISTA STOREY-BELROSE
Notary Public
State of Florida
Comm# HH189002
Expires 10/21/2025

