

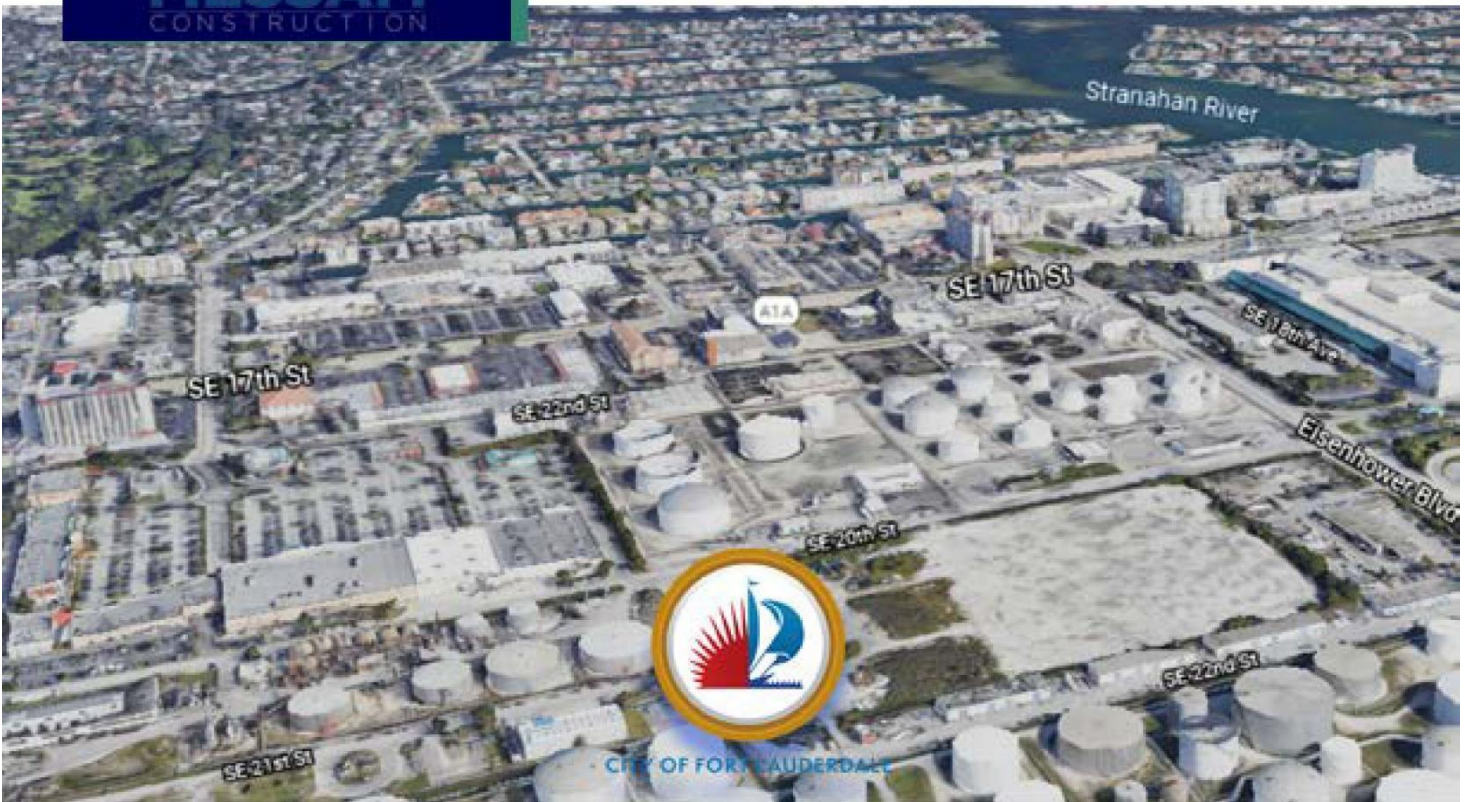


SOLICITATION 12401-116

CITY OF FORT LAUDERDALE

*GT Lohmeyer Wastewater Treatment Plant Replacement
Oxygen System*

Response to RFQ submitted to the City of Fort Lauderdale



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4.2.9	Required Forms <ul style="list-style-type: none"> a.) Statement of Qualification Certification b.) Non-Collusion Statement c.) Contract Payment Method d.) Sample Insurance Certificates e.) Non-Discrimination Certification Form f.) E-Verify Affirmation Statement g.) Acknowledgement of Addenda h.) Firms Engineering Licenses <ul style="list-style-type: none"> a. CMTS b. KEITH c. Messam (License and Certification) i.) SF330 Part II <ul style="list-style-type: none"> a. CMTS b. KEITH c. Messam 	Page 47 Page 48 Page 49 Page 50-51 Page 52 Page 53 Page 54 Page 55 Page 56 Page 57-58 Page 59 Page 60 Page 61

October 21, 2020

City of Fort Lauderdale, Procurement Services Division
Att: Fausto Vargas, Senior Procurement Specialist
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

RE: RFQ 12401-116 CCNA – Construction Engineering and Inspection (CEI) Services for GT Lohmeyer Wastewater Treatment Plant Replacement of Oxygen System

Dear Mr. Vargas,

At **CMTS, KEITH and Messam Construction**, our goal is to assist the City in all ways possible to keep this project on schedule, on budget and of the highest quality. We believe the best approach to successful Construction Engineering and Inspection services is to maintain a close working relationship with all parties involved, and to respond quickly and effectively to any issues that may arise. This approach coupled with our experience and knowledge in designing and constructing wastewater treatment facilities in the unique climate of Florida offers the City of Fort Lauderdale the opportunity to reduce or eliminate cost overruns and delays throughout the project.

Taking the best of CMTS's, KEITH's and Messam Construction's talent, we have assembled a team of experts located here in the Fort Lauderdale area with decades of hands-on individual professional experience providing CEI services and also designing and constructing \$ billions of wastewater treatment projects. We have proven skills in every task needed for the successful completion of this important project: overall project management, design review, bid analysis, construction management, construction inspection, scheduling, cost estimating, pay application review, permitting, document review and control, claims negotiation, *and quality assurance* — on several wastewater treatment plant projects.

CMTS and our partners at KEITH and Messam Construction are small enough to treat you as one of our most important clients, yet large enough to provide the very highest caliber of technical advice required for the job. From project initiation to ribbon cutting and commissioning, we work for you to represent the City's best interests.

CMTS LLC

CMTS is a minority-owned full-service Construction Engineering and Inspection, civil engineering and quality assurance firm specializing in construction management, construction inspection and owner's rep services, that has thrived over the last 35 years. The extensive capabilities of our firm's staff feature a versatile workforce that combines the quality control measures found at a large firm but with the agility of a smaller firm. Over the years, CMTS has provided Owner's Representative Services for more than \$30 billion worth of construction value: specifically serving on behalf of public agency clients. This unique combination continues to gain repeat business and loyal clients for CMTS. Modeling ourselves to adapt to the needs of our clients, we never sacrifice our core principals of Quality, Integrity, and Professionalism.

We have decades of personal hands-on experience — locally in Broward County and across Florida — in all expertise required for this assignment: project management, engineering design, construction inspection, construction management and quality control specifically for wastewater treatment plants. We began as a quality assurance and control firm specializing in public sector work, which continues to be a mainstay of our project portfolio. Our primary area of expertise in Florida includes engineering, construction management and quality assurance inspection services for local governments constructing and reconstructing water and wastewater infrastructure.

Main Office:

2598 E. Sunrise Blvd
Fort Lauderdale, FL 33319

Project Office:

2312 S Andrews Ave
Fort Lauderdale, FL 33316

Proposed Staff:

Thomas Hutka, PE (Director of Capital Program Management) will serve as the Project Manager for the GT Lohmeyer Wastewater Treatment Plant Replacement of Oxygen System project. Tom has decades of experience in wastewater treatment operations, construction, and management, after eleven years as Broward County's Director of Public Works. His team at Broward County's Water and Wastewater Services has completed over \$2 billion of highly successful capital projects and has often partnered with the City of Fort Lauderdale on many initiatives and emergency situations. In addition, he has also overseen all recent major construction efforts at the County's seaport and convention center adjacent to the project site. He lives twenty minutes away from the project site and will be on call as needed at any hour of the day.

Ejaz Ahmad, PE (Vice President) will be the teams Wastewater Treatment Process Engineer and Quality Control Engineer. Ejaz has 35 years' experience in design and construction management of water and wastewater systems in the State of Florida. As a member of the CMTS team, he has extensive experience in designing and construction support services specifically for treatment plants, reclaimed wastewater, transmission systems, gravity sewers, pump stations, and horizontal directional drilling.

Robert Donnelly, PE will serve as the Electrical Engineer for the program. He has extensive experience providing quality control and technical review of electrical engineering and design concepts provided by others. He is well versed and experience in HVAC, Plumbing and Fire Protection design and his design specialties include: High Voltage, Power Distribution, UPS Design, TVSS Transient Voltage Surge Suppression and general power design controls.

Alex Olmos will provide Quality Assurance Inspection services. Alex has the demonstrate depth of our inspection staff and will be on site with the Contractor every day they are working. This means he will be inspecting the work as it progresses in an attempt to identify issues before it's too late. Down time will be utilized to process paperwork and review contract documents to stay ahead of the construction.

Yvonne McClain is CMTS's Chief Operating Officer, and Principal-in-Charge for this contract and is the authorized to negotiate any contract from this pursuit. Ms. McClain has over 25 years of experience in construction management and is an expert in the management of construction support services. She has successfully overseen staff support services for large capital improvement programs throughout the United States. Serving as the client lead on municipal owner's representative contracts, she has managed program implementation that includes staffing, outreach and training.

KEITH Engineering

KEITH is a local women-owned firm (graduated from certification) with an excellent reputation from its many years working in Fort Lauderdale. From Construction Engineering and Inspection services to contract administration to construction quality management. KEITH is on top of it, ensuring quality assurance measures are employed to control and verify construction, material, and product standards. KEITH is committed to delivering an effective level of oversight and stewardship of any construction program. KEITH focus on program practices and techniques that add value and help to ensure effective oversight and acceptable accountability.

Additionally, KEITH provides an array of Construction Engineering and Inspection services. The unique ability to understand and recognize both construction constraints and the processes required for a successful project is what defines the KEITH team.

Main Office:

301 E Atlantic Blvd
Pompano Beach, FL 33060

Project Office:

2312 S Andrews Ave
Fort Lauderdale, FL 33316

Proposed Staff

Claudette Pearson will serve as the document control specialist for this project. She will be soon completing the very same assignment for Broward County's Reclaimed Water Treatment Facility construction project. She will manage the important tasks of meeting scheduling and minutes, log and documentation file maintenance, as well as pay application review processing and tracking. She has over five years of experience in the construction industry as a document control specialist, responsible for managing project documents, while also ensuring their accuracy, quality and integrity. Ms. Pearson adheres to strict document lifecycle procedures and policies, safeguards vital information, retrieves project data and archives inactive records in accordance with the records retention schedule. Ms. Pearson receives and processes all Requests for Information and maintains the requests via critical tracking logs. As RFI procedures are updated, Claudette then create new templates. In addition, Ms. Pearson efficiently develops and maintains documents including meeting minutes, drawings, specifications, approvals and also assists with file migrations and audits to ensure complete accuracy.

Steve Zurschmiede will be our project Scheduler and Cost Estimator to capture targets dates and tracking, as well as review change order proposals and claims. He has over 33 years of experience in the Construction and Design Industries. Experience includes project controls, scheduling, estimating and construction management of water/wastewater treatment plants, and many other types of projects.

MESSAM CONSTRUCTION

Messam Construction is a certified minority-owned construction company with Eighteen years of experience in the Fort Lauderdale area. They provide our team access to hands-on construction contractor experience including insight to construction methods and constructability, potential labor and material shortages, bid submittals, cost estimates, construction schedules, change orders and claims, as well as site safety.

Messam's approach is best characterized by a "Partnering Relationship". Messam dedicates their team to turning client's designs and construction documents to life and are committed to sustainable construction practices. Messam take a client's-eye view of the work, planning and designing to accomplish the client's goals in the most effective manner.

Main Office:

3600 Red Road, Suite 303
Miramar, FL 33025

Project Office:

2312 S Andrews Ave
Fort Lauderdale, FL 33316

Proposed Staff

Craig Gordon will serve as the quality control manager/inspector for this project. Mr. Gordon has a Bachelor's degree in Construction Management, and many years of experience directly leading construction work, most recently on some of the largest and highest profile projects in Fort Lauderdale. His satisfied owner clients include the Pompano Beach CRA, Broward County and the Broward County School Board. He has also partnered with some of the most prestigious and experienced construction companies in the country, and is OSHA Safety, NCCER and LEED Green Certified.

Peter Codrington will be our project Structural/MEP Inspector. Mr. Codrington has many years as a construction inspector, working on the Broward County Airport's two recent mega projects as well as other local government construction in the Fort Lauderdale area. He is OSHA Safety Certified.

4.2.3 FIRM QUALIFICATIONS AND EXPERIENCE

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

CCNA – Construction Engineering and Inspection (CEI) Services for GT Lohmeyer Wastewater Treatment Plant Replacement of Oxygen System Pursuant to Section 287.055

2. PUBLIC NOTICE DATE

09/18/2020

3. SOLICITATION OR PROJECT NUMBER

RFQ #12401-116

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Yvonne McClain – Chief Operating Officer

5. NAME OF FIRM

CMTS LLC

6. TELEPHONE NUMBER

754-301-8761

7. FAX NUMBER

214-637-6226

8. E-MAIL ADDRESS

ymcclain@cmtsllc.com

C. PROPOSED TEAM

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

	(CHECK)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	X			CMTS Construction Management Services, LLC  (dba: CMTS LLC) <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	2598 E. Sunrise Blvd Fort Lauderdale, FL 33319	Project Manager, Process Engineering, Electrical Engineering . Quality Assurance Inspections
b.			X	Keith Engineering, Inc.  Engineering Inspired Design. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2312 South Andrews Avenue Fort Lauderdale, FL 33316	Document Control, Scheduling, Quality Assurance Inspections
b.			X	Messam Construction Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	3600 Red Road, Suite 303 Miramar, FL 33025	Quality Assurance Inspections

D. ORGANIZATION CHART OF PROPOSED TEAM

CMTS LLC has assembled a project team of esteemed personnel to provide Construction Engineering and Inspection Services. The team identified below is eminently capable of executing the services envisioned by City of Ft. Lauderdale for the GT Lohmeyer Wastewater Treatment Plant Replacement of Oxygen System. The staff has distinguished WWTP and WW infrastructure expertise, having performed similar assignments at numerous cities, is experienced, diligent, and ready to exceed expectations. Our team is collaborative, flexible and responsive, which results in a blended effort to complete tasks on schedule and within budget. Each member of our companies' team will be available effective January 2021, to serve the City of Fort Lauderdale on a priority basis. Refer to attachments for complete SF 330 resumes of our proposal's team.

COMPANY STRUCTURE

CMTS LLC is a multi-faceted organization specializing in program/project management, construction management, project controls, cost estimating and scheduling, construction inspections, and construction document review. Our roots as a construction manager allow us to assist our clients in programs from conception to completion. CMTS, LLC (CMTS) was established in 1984 in Denver, Colorado as a construction management and quality assurance firm specializing in aviation and public sector projects. In the 30 years since, CMTS has gradually grown into one of the larger DBE/MBE construction management firms in the United States. The firm is headquartered in Dallas, Texas with eight (8) additional offices across the US.

- DUNS #:966683406
- CAGE CODE/#686C1
- STATE- FL: CMTS Construction Management Services LLC (dba: CMTS LLC)
- EIN 27-3989901
- STATE OF FL DBE FIRM:
- South Florida Office: 2598 E. Sunrise Blvd | Fort Lauderdale, FL 33319 | www.cmtslc.com
- Contact: Yvonne McClain – Chief Operating Officer | Cell: 503-201-8787 Email: ymcclain@cmtslc.com
- Company overall staff is 140 | State of FL staff is 30

Our highest priority is to complete projects within budget, on schedule, and to the quality specified. Our client base includes national and international airports, numerous DOT's, toll authorities, multiple city agencies, and the private sector—participating in a number of significant endeavors and high-profile projects. Four sectors of CMTS business area includes:

<u>Overall contract value of infrastructure</u>	<u>Construction Value (\$)</u>
<u>Airports</u>	<u>18 Billion</u>
<u>Railway</u>	<u>1.6 Billion</u>
<u>Infrastructure/Water & Wastewater</u>	<u>4.9 Billion</u>
<u>Education Facilities</u>	<u>6.5 Billion</u>

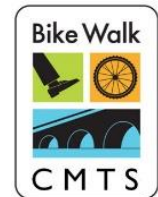
CMTS takes pride in our ability to staff projects with unique professionals, well-suited to the project at hand. We maintain a large full-time staff of program and construction management personnel. Their assignment is to ensure implementation of a complete program and the quality of the owner's finished product.

Sustainable Business Practices

Since 2013 CMTS has actively implemented sustainable business practices that demonstrate a commitment to conservation. We attained the Gold Level 2013-20121 Certification through the City of Portland's Bureau of Planning and Sustainability's Sustainability at Work Program. We use alternative modes of transportation for travel to meetings, with walking or using transit for downtown meetings whenever possible and assign. We use catering delivery by bicycle or foot from local restaurants. CMTS is also active with sustainability organizations throughout the United States.

CMTS timeline for on-going practices implemented to reduce environmental impact are as follows:

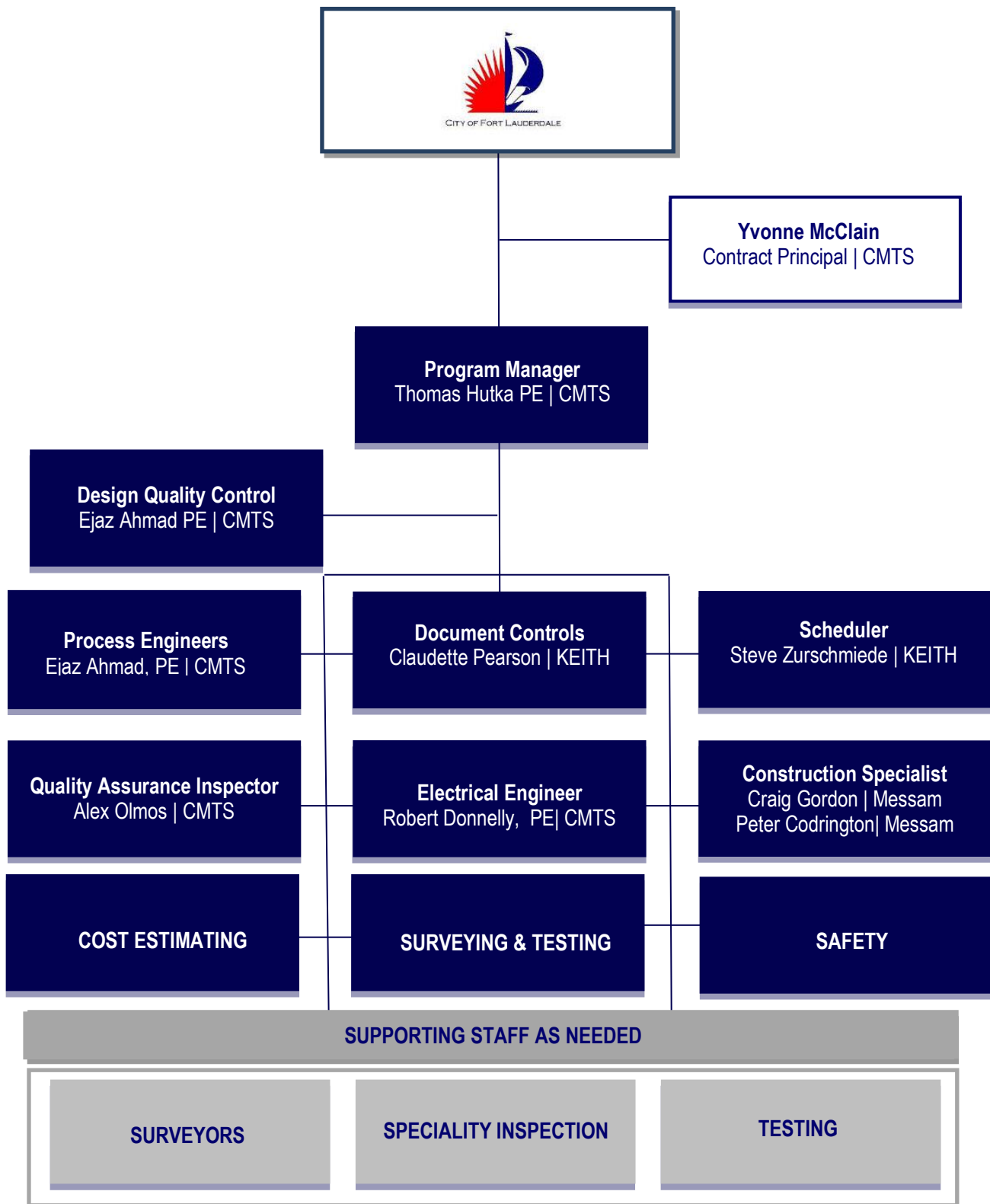
- **JULY, 2019** | CMTS started virtual quarterly safety luncheons with our staff on a regional basis. In 2020 we started providing lunches during the meetings via grub hub and encouraged the staff to order food from local vendors.
- **JANUARY 2018** | CMTS encourage our clients to use electronic timecard approval process where we provided our clients with a log in to approve time instead of utilizing paper and pen for approval processes.
- **JANUARY 2017** | Started implementing electronic on-boarding, and encouraged electronic signature on client and internal documents.
- **MARCH, 2016** | CMTS became a West Coast Electric Fleets Partner, pledging to incorporate Zero Emissions Vehicles (ZEVs) into our fleet. Planned vehicle replacement will start with hybrid vehicles to reduce emissions. We will continue to encourage our property manager to incorporate secured charging for electric scooter or e-bike at the main office.
- **MAY, 2015** | Implemented paperless paycheck stubs and increased percentage of employee direct deposits. In addition to added security, this initiative reduces impact of greenhouse gases related to paper production/transport, landfill waste and trip emissions. All employees are up to date on technology for paperless document management; print only when necessary.
- **AUGUST, 2014** | Donated inventory of usable electronics, phones (lines and cell), printers, computers and hardware to local non-profit organizations. Recycled computer monitors, batteries and non-usable devices through Metro verified locations.
- **JUNE, 2014** | Supported local, sustainable and family-owned businesses for office supplies, safety and field equipment, vehicle maintenance and catering. Used public transit, shared rides or walked to vendors and client meetings when viable.
- **JANUARY, 2013** | Implemented use of FSC certified 100% recycled multi-purpose paper. Office lights dimmed or turned off with adequate daylight. Kitchen faucet aerator installed reducing flow to 1.5 gpm - or less. Sheltered bike parking and tire repair kit available for employees and visitors. Provide employees web-based biking, transit, carpooling, and walking maps. Use green certified office cleaning products.



Proposed Staff

We are proposing an in-depth organizational chart to help understand how we will operate in concert with the city's needs. We have structured our team around our understanding for the contract's scope of services and the potential projects that could be asked of our team. The organizational chart shows the discipline leads of our team and the depth of experience.

Key Team Members	Role	Licenses	Experience (Years)
Yvonne McClain	Principal-in-Charge	-	25
Thomas Hutka, PE	Project Manager	P.E.	32
Ejaz Ahmad, PE	Process Engineering Review	P.E.	43
Claudette Pearson	Document Controls		20
Steve Zurschmiede	Scheduler		18
Alex Olmos	Quality Assurance Inspector		15
Robert Donnelly, PE	Electrical Engineering Review	P.E.	30
Craig Gordon	Construction Specialist		15
Peter Codrington	Structural/MEP Inspector		30

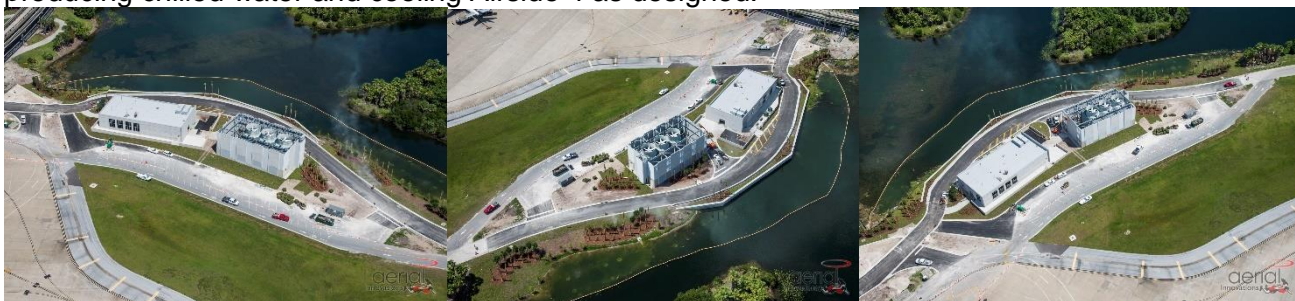


F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">1</p>				
21. TITLE AND LOCATION (City and State) City of Orlando, Greater Orlando Aviation Authority, BP-442 Airside 4 New Central Chiller Plant, Orlando International Airport, Orlando, FL		22. YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION (If applicable)</th> </tr> <tr> <td>2015</td> <td>2016</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2015	2016
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2015	2016					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Greater Orlando Airport Authority	b. POINT OF CONTACT NAME John Carlson PM	c. POINT OF CONTACT TELEPHONE NUMBER (407) 825-4089				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost).						

CMTS/Hanson, JV performed the following tasks as the Senior Building Inspection for all phases including civil, new seawall construction, earth work, storm, water, force mains, footers, re-bar, concrete, masonry, electrical, HVAC, glazing, interior finishes, painting, fireproofing, structural and roofing inspections. CMTS also provided administrative services for the project.

The project included a new central plant building and associated cooling tower enclosure to support Airside 4. The central plant includes three 700-ton magnetic bearing chillers. Site work scope included shifting the adjacent road, utilities, coordinating around existing aviation main fuel lines and a new concrete seawall. CMTS senior building inspector was tasked with supervising the correct installation of the new concrete seawall.

As Senior inspectors on this project in was the roll of CMTS to ensure hanger placement and certified welds were being adhered to. Road work, barrier walls, gutter curbs and asphalt was inspected when placed; CMTS was on site for landscape and fencing inspections. As with all projects of this size interior work, painting, electrical and HVAC were under the inspector's responsibility even though the city signed off on the electrical, mechanical and plumbing portions of this project. We are happy to report that the new plant is currently producing chilled water and cooling Airside 4 as designed.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMTS LLC	(2) FIRM LOCATION (City and State) Orlando, FL	(3) ROLE Sub - Inspection, Contract Administration
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		2
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
City of Orlando, Greater Orlando Aviation Authority, BP-452 Hanger Boulevard Sanitary Improvements Phases 1&2, Orlando International Airport, Orlando, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2016	2017
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Greater Orlando Airport Authority	Tuan T Nguyen, P.E.	(407) 825-4662
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost).		

CMTS/Hanson JV was the OAR for the Orlando International Airport during the installation of two new lift stations, new backup generators, the decommissioning of an existing lift station, landscaping, fencing, concrete drives, force mains, and a new gravity sanitary sewer main. The project scope consisted of; decommissioning the existing lift station after the two new lift stations were operational. The two lift stations were 33 and 27 ft deep with standby generators a 250-gallon fuel tank. On this project 3,460 LF of PVC (4" & 8") was installed with 2.355 LF of grout used to fill existing sanitary sewer lines. As the Owner's Authorized Representative CMTS/Hanson JV provided the following:

- Monitor Daily Installation (civil & electrical)
- Coordinate with City of Orlando Waste Water Division
- Submit As-built drawings 120 days before close out & decommissioning of existing lift station
- Contract Monitoring
- Established P-6 Contract Schedules
- Project Meetings
- Maintained Project Files
- Monitored DRB meetings and reviewed submittals
- Technical Review of Lift Station
- Senior Civil Inspection,
- Senior Electrical Inspection
- Soil Testing
- Monitored installation of two (2) Wet Walls and numerous structures
- Coordinated with Owner's on-going operations
- Assisted with additional task assigned by GOAA Project Managers



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMTS LLC	(2) FIRM LOCATION (City and State) Orlando, FL	(3) ROLE Prime; Construction Management; Inspection, Commissioning
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		3
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
City of Portland, Portland Water Bureau, Washington Park Reservoir Improvements, Project W01402, Portland, OR	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2016 - Present	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Portland, Portland Water Bureau	Roy Martinez	(503) 823-4518
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost).		

CMTS is the Prime consultant providing Quality Assurance and Inspection for the Washington Park Reservoir Improvement project. Started in 2016 CMTS on behalf of the Portland Water Bureau is helping to rebuild the Washington Park reservoirs. When completed, this project will supply water to Portland's west side and serve more than 360,000 people, including all downtown business and residents, 20 schools five hospital complexes, and more than 60 parks. This system of water conveyance and storage is what makes Portland a livable and thriving community ensuring public health and economic viability.



This project calls for the construction of a new 17.4 million gallon, seismically reinforced below ground reservoir, within the footprint of the existing reservoir 3 (upper) with a reflection pool/water feature on top. Designed to retain the historic look and feel of the original reservoir, it has been engineered to withstand ongoing landside encroachment and potentially catastrophic effects of a major earthquake.




The existing lower reservoir 4 (lower) has been disconnected from the public drinking water system and is being developed into a lowland wildlife habitat area, bioswale and reflecting pool. To ensure everything is installed and constructed per design CMTS role on this project is to ensure that the Portland Water Bureau is being constructed in compliance with its contract as well as provide Electrical Quality Assurance Inspection in conjunction with our overall Quality Assurance Management.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMTS LLC	(2) FIRM LOCATION (City and State) Portland, OR	(3) ROLE Prime; Construction Management; Program Management
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4				
21. TITLE AND LOCATION (City and State) City of Portland Bureau of Environmental Services (Portland, OR) Construction Management and Inspection Services		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2017 - Present</td> <td></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2017 - Present	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2017 - Present						
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of Portland Bureau of Environmental Services	b. POINT OF CONTACT NAME Jocelyn Tunnard LEED AP	c. POINT OF CONTACT TELEPHONE NUMBER (503) 823-5346				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost).						

CMTS is a Prime consultant providing construction management and quality assurance inspection services for a variety of projects within the City of Portland. The Environmental Services Department provides City of Portland residents with Clean River programs, including water quality protection, wastewater collection and treatment, and sewer installation. Over one-third of Portland's 2,500 miles of sewer pipes are more than 80 years old. Projects that our staff is working on is to replace or repair aging infrastructure and restore Portland's watersheds protect water quality, public health, and the environment. The Columbia Boulevard Wastewater Treatment Plant is just one of the projects our staff is working on. This plant serves more than 600,000 customers including up to 100 sewage pump stations. A few projects our staff are working on include:

<u>Cherry Park Grinder Replacement</u> Job # 11077 Scope: Remove old grinder and replace with a new one Contractor Titan Utilities Scope: Remove old grinder and replace with a new one Value 351,891.00 	<u>Inverness 30" Force Main Repair</u> Job # E10629 Scope: Slip line 30" pipe with 24" HDPE, replace pipe brackets under the pedestrian bridge that crosses the Columbia slough. Contractor: Titan Utilities Value: est. 2.5 million 
<u>Swan Island Pump Station Bellows Repair</u> Job # E06901 Scope: remove and replace damaged bellows, modify 36" pipe that was not in line with the bellows CM: Darin Wilson CM Contractor: Stellar J Value: 225,000 	<u>Fremont Pump Station Upgrade</u> Job # E10543 Scope: Upgrade pump station with new pumps and equipment. Replaced two of the existing drywell pumps with a single upgraded pump to alleviate clogging; Replaced the piping and sumps to current standards; Replaced the portable standby power generator with a quieter floor-mounted unit; Installed additional noise reduction equipment. Contractor: Stettler Supply Value: 1,256,845.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	CMTS LLC	Portland, OR	Prime; Construction Management; Scheduling, QA Inspections (MEP and Civil)

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5				
21. TITLE AND LOCATION (City and State) Wastewater Projects at JEA (Jacksonville, FL)	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2005 - 2011</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2005 - 2011	
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2005 - 2011						
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER JEA	b. POINT OF CONTACT NAME Bradley Collier, PE	c. POINT OF CONTACT TELEPHONE NUMBER 904-665-9463				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost).						

CMTS Contract included several task orders providing scheduling, cost estimating, QA inspection and engineering services. A few projects included:

New triplex submersible wastewater pump station in the City of Atlantic Beach, FL with the assistance of JEA consisted of: 70 HP pumps at 900 GPM at 82' TDH 200 LF of 12" PVC force main, construction of two 18' deep manhole & replacement of 15" PVC gravity line Triplex pump station 12' diameter w/24' deep wet well 175 KW standby generators w/1,000 gallons fuel tank, VFD's MCC Communications/SCADA work, controls and odor control. Additional work included installation of pumps, piping, valves, panels & accessories.

Murray Hill (STOP) Septic Tank Phase Out Phase 5 Pump Station: CMTS provided a Project Engineer for a new pump station, a new duplex pump station with two 5 horsepower pumps, 400 LF of 8" HDPE force main by open cut and HDD within public right-of-way with.

Twin Creeks force Main from Master Pump Station to West of I-95: CMTS provided Project Engineer for design of 12,600 LF of 24" PVC & 500 LF of 30" HDPE force main within public right-of-way with four **mandatory elements** of the project requirements.

Woodmere Master Pump Station: CMTS provided Project Engineer - for the new pump station, the demolition of an existing WWTP & MPS, a new triplex pump station 3MGD, 10' diameter with 28' deep, 200 KW Standby Generator with 1000 gallons fuel tank, pre-cast electrical building for VFD's & MCC, a new triplex pump station with three 88 horsepower pumps, a new 14" influent line with two manholes and 200 LF of 14" gravity sewer within public right-of-way

Collins Road at I-295 20" Force main and Water Main: CMTS provided preliminary design and inspection services for the Collins Road at I-295 is located on the West side of Jacksonville in Duval County. The project which consisted of approximately 750 LF of 20" PVC Force Main by open cut, 1,100 LF of 24" HDPE force main by HDD, and 260 LF of 36" steel casing under the roadway ramp, 350 LF of 16" water main by open cut, 900 LF of 20" HDPE water main by HDD.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME a. CMTS LLC	(2) FIRM LOCATION (City and State) Jacksonville, FL	(3) ROLE Prime; Construction Management; Inspection,

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		6
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
City of Portland, Portland Water Bureau, Kelley Butte Reservoir, Portland, OR	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2012	2015
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Portland Water Bureau	Teresa Elliott	(503) 823-7622
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost).		

The project allows the City of Portland to comply with federal rules leading to the three Mount Tabor open reservoirs being disconnected from the city's water system.

Kelly Butte is a forested hill near the intersection of SE Powell Boulevard and the Interstate 205 freeway. The Kelly Butte Reservoir Project will replace an existing 10 MG steel tank with a new buried 25-million-gallon reinforced concrete reservoir in the same general location. The footprint is approximately 400 x 300 feet and is located underground with a fully landscaped fill above. The project included additional and upgraded piping to the new reservoir, entry and exit control valves and space for associated controls and telemetry.

The new reservoir footprint is 394 x 296 feet, reinforced concrete, with 252 roof support columns, creating two 12.5-million-gallon reservoir cells. The reservoir is buried with landscaped surface. There is additional work for upgraded piping, 4,400 LF of 48" and 700 LF of 36", to and from the new reservoir, 10 large control valves and remote sensing and control hardware.

CMTS performed the following tasks for the Agency/Owner:

Construction Field Observation
Inspection Coordination
Construction Cost Accounting
Start-up Assistance
Review of Record Drawings
Post-construction Evaluation
Warranty Review
Project Closeout



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME CMTS LLC	(2) FIRM LOCATION (City and State) Portland, OR	(3) ROLE Prime, Construction Management
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 7	
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED	
Broward County Reclaimed Water Plant Expansion (Sunrise, FL)		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		On-going	N/A
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER	
Broward County Water & Wastewater Engineering Division	Jeffrey H. Greenfield, PhD, PE, BCEE	954-831-0923	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)			
PROJECT DESCRIPTION: The North Regional Wastewater Treatment Plant (NRWWTP) utilizes a 54-inch ocean outfall and Class I Injection Wells as the primary means of treated effluent disposal. Recent legislation by the State of Florida, generally known as the "Ocean Outfall Rule", eliminates the use of ocean outfalls for disposal after 2025. The Outfall Rule also mandates the implementation of a wastewater reclamation program with a minimum capacity of 60 percent of the facility's Baseline Flow above and beyond current reclaimed water application. This is a total reclaimed water production of approximately 26 mgd for the NRWWTP. Broward County has requested services pertaining to the expansion of the existing reclaimed facility to increase its firm rated capacity to approximately 26 mgd.			
As a subconsultant to Brown and Caldwell, KEITH is performing a subsurface utility exploration at the proposed improvement sites within the plant and for proposed yard piping routing. Ground Penetrating Radar (GPR) will be used to designate, verify, and document location of existing underground facilities, including major piping, electrical conduits, and storm water facilities. Soft digs will also be conducted to verify the elevation of the designated underground facilities. KEITH will also assist with identifying potential conflicts and critical interconnects that require subsurface investigation.			
KEITH is tasked with surveying activities to supplement the existing topographic survey provided by the Broward County and verifying the elevation of select hydraulic process structures such as top of weir/wall/floor and overflow elements of existing structures. KEITH is also tasked with landscape architectural services associated with the exterior design and construction of two buildings as part of the North Regional Wastewater Treatment Plant Reclaimed Water Expansion. For both North and South locations, KEITH will perform a tree inventory and appraisal, an existing tree disposition plan, landscape plans, and irrigation plans.			
Lastly, KEITH is assisting Brown and Caldwell with the detail design engineering services for the yard piping design. KEITH will prepare 30 percent design drawings, 50 percent design drawings, and 90 percent design.			
125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	KEITH	Pompano Beach, FL	Civil Engineering, Subsurface Utility Engineering (SUE), Surveying, Landscape Architecture

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION (<i>City and State</i>)		22. YEAR COMPLETED
BCWWS Booster Pumping Station 3A (Pompano Beach, FL)		PROFESSIONAL SERVICES On-going
		CONSTRUCTION (<i>if applicable</i>) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County Water & Wastewater Engineering Division	b. POINT OF CONTACT NAME Merle Medina, Construction Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954-831-0791
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (<i>include scope, size and cost</i>)		



PROJECT DESCRIPTION: This Project includes the design and permitting of a 2-inch force main that will interconnect the FLL Booster Pump Station drain to an existing 16-inch force main located airside at Fort Lauderdale Hollywood International airport. The designed waste drain system of this domestic water booster pump station consists of a duplex grinder pump system capable of pumping 30 GPM at 45 ft. TDH. A 2-inch force main will be designed to interconnect a stubbed-out discharge line from this system with an existing 16-inch force main. The 2-inch force main will be constructed by a directional drill operation to minimize disturbance to existing ground cover improvements, however, all design alternatives will be evaluated. At the point of connection to the existing 16-inch force main a check valve and gate valve will be installed to control back flow, provide a means to isolate the system and mark the point of connection with a valve box assembly. KEITH is providing engineering permitting as well as construction phase engineering services to include field inspection, RPR construction observation, and observe the force main installation and testing required in order to certify to the governing permitting agencies, as well as as-built review and final inspection.

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
	KEITH	Pompano Beach, FL	Survey, Permitting, Subsurface Utility Engineering, Planning, Utility Coordination

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)	20. EXAMPLE PROJECT KEY NUMBER 9
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21. TITLE AND LOCATION (<i>City and State</i>) North Regional Wastewater Treatment Septage Receiving Facility Updating (Pompano Beach, FL)	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td><td>CONSTRUCTION (<i>if applicable</i>)</td></tr> <tr> <td>On-going</td><td>N/A</td></tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	On-going	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
On-going	N/A				

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County Water & Wastewater Engineering Division	b. POINT OF CONTACT NAME Merle Medina, Construction Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954-831-0791
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (<i>include scope, size and cost</i>)		

PROJECT DESCRIPTION: Broward County Water and Wastewater Services required improvements for a Septage Receiving Facility as part of the Broward County Water and Wastewater Services Capital Improvements Program. The Capital Improvements Program identified an update to this Facility as recommended in the Regional Wastewater Transmission System Expansion Report. Septage Receiving Facility Operations/Administration Improvements is required to meet changes in space usage over the life of the complex consisting of new booster pumps, new backup power generator, new truck clean-out station, new building, and re-purpose the existing building aimed at decreasing operation and maintenance costs.



KEITH is tasked with surveying activities providing topographic survey of the subject parcel depicting all the above ground appurtenances and any identified interior and sub-surface accessible equipment that will be needed for the design of the station's upgrade. KEITH also provided horizontal designation and test hole services to locate all utilities in order to minimize any potential damage. KEITH's Civil Engineering team is preparing site plan drawings for the proposed updates, indicating the proposed building location and vehicular circulation, and will take into account required landscape areas/buffers, parking requirements, dumper location, fire access and issues required by City of Pompano Beach Land Development Code. In addition to the site plan drawings, KEITH is preparing on-site paving, grading and drainage plans that meet the requirements of the regulatory agencies, including stormwater pollution prevention plans. KEITH will also be responsible for engineering permitting processing as well as CEI services. Lastly, KEITH's Landscape Architecture team is performing a tree inventory and appraisal, an existing tree disposition plan, landscape plans, irrigation plans and landscape observation services.

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
a.	KEITH	Pompano Beach, FL	Civil Engineering, Subsurface Utility Engineering (SUE), Surveying, Landscape Architecture

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 10				
21. TITLE AND LOCATION (City and State) Ft. Lauderdale Terminal 4 Expansion (Ft. Lauderdale, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>Ongoing</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	Ongoing	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
Ongoing	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Steve Hammond, Assistant Director	c. POINT OF CONTACT TELEPHONE NUMBER 954-357-6410				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)						



The Turner/Messam Construction/Keith team is providing Owner Representation services on this complicated project that includes the expansion of Terminal 4 east and west concourses. As the Construction Project Management Team, we are responsible for managing two separate construction managers at risk, Balfour Beatty and MCM, to ensure the project is built to BCAD, Department of Homeland Security and FAA specifications. **Messam provides a Project Engineer, Structural Inspector and a Document Control Manager as a part of the Owner Rep Team with Turner Construction.**

Messam Construction provided inspection services on structural scopes of work on this project. Document control services is also being provided on this project on this project included BCAD offices construction project.

Scope of Services: **Owner Representation**
Size: **East and West Terminals including 34,000 sf of concessions**
Project Cost: **\$450,000,000**
Scopes of Work: **Apron/Structural/MEP**

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Messam Construction	Miramar, FL	Owner Representation, Quality Control, Inspections/ Document Control

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 11				
21. TITLE AND LOCATION (City and State) Broward County Civil Courthouse (Ft. Lauderdale, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2017</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2017	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2017	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Steve Hammond, Assistant Director	c. POINT OF CONTACT TELEPHONE NUMBER 954-357-6410				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)						



PROJECT DESCRIPTION: The Weitz Company/Messam Construction/KEITH team was selected as the Construction Project Management (CPM) firm for the design and construction of the New Civil/Family Courthouse. The facility is a high rise building that has approximately 22 floors of programmed space with a shelled floor. Messam Construction provided Quality Control and Inspection services along with Weitz and KEITH overseeing the construction manager.

Messam Construction have had continued success due to our proactive process that places importance on planning, documentation, and guidelines finalization that will be needed to assure the quality. These key areas are the main focus for the project team and will ensure that Messam delivers a high end quality product, while reducing re-work and increasing efficiency during construction.

Location: Ft. Lauderdale
Scope of Services: Owner Representation
Size: 730,000 sf
Project Cost: \$191,000,000
Scopes of Work: Structural/MEP/Civil

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Messam Construction	Miramar, FL	Owner Representation, Quality Control, Inspections

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 12
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED
Ft. Lauderdale Terminal 2 Modernization (Ft. Lauderdale, FL)		PROFESSIONAL SERVICES Ongoing
		CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Steve Hammond, Assistant Director	c. POINT OF CONTACT TELEPHONE NUMBER 954-357-6410
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)		



PROJECT DESCRIPTION: This complicated project includes the complete renovation of Terminal 2 for Delta. As the Construction Project Management Team, we are responsible for managing Turner Construction, to ensure the project is built to BCAD/Delta, Department of Homeland Security and FAA specifications. **Messam is partnered with PMT Technologies as the Program Manager/Owner Rep.**

Messam Construction is provided Quality Control services, inspection services on structural scopes of work and document control on this project.

Location: Ft. Lauderdale International Airport
Scope of Services: Program Management/Owner Representation
Size: Terminal 2 34,000 sf of concessions
Project Cost: \$220,000,000
Scope of Work: Structural/MEP

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Messam Construction	Miramar, FL	Owner Representation, Quality Control, Inspections/ Document Control

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS			
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[illegible]

29. EXAMPLE PROJECTS KEY									
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NO.	TITLE OF EXAMPLE PROJECT	NO.	TITLE OF EXAMPLE		
1	Greater Orlando Aviation Authority, BP-442 Airside 4 New Central Chiller Plant, Orlando International Airport, Orlando, FL (CMTS)	7	Broward County Reclaimed Water Plant Expansion (Sunrise, FL) (KEITH)		
2	Greater Orlando Aviation Authority, BP-452 Hanger Boulevard Sanitary Improvements Phases 1&2, Orlando International Airport,	8	BCWWS Booster Pumping Station 3A (Pompano Beach, FL) (KEITH)		
3	Portland Water Bureau, Washington Park Reservoir Improvements, Project W01402, Portland, OR (CMTS)	9	North Regional Wastewater Treatment Septage Receiving Facility Updating (KEITH)		
4	Bureau of Environmental Services (Portland, OR) Construction Management and Inspection Services (CMTS)	10	Ft. Lauderdale Terminal 4 Expansion (Ft. Lauderdale, FL) (MESSAM)		
5	JEA Various Wastewater Projects (CMTS)	11	Broward County Civil Courthouse (Ft. Lauderdale, FL) (MESSAM)		
6	Portland Water Bureau, Kelley Butte Reservoir, Portland, OR (CMTS)	12	Ft. Lauderdale Terminal 2 Modernization (Ft. Lauderdale, FL) (MESSAM)		

4.2.4 QUALIFICATIONS OF THE PROJECT TEAM

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

NAME	ROLE IN THIS CONTRACT	YEARS EXPERIENCE	
		A TOTAL	b. WITH CURRENT FIRM
THOMAS HUTKA P.E.	Project Manager	32	<1

FIRM NAME AND LOCATION (City and State)

CMTS, LLC (Ft. Lauderdale, FL)



EDUCATION (DEGREE AND SPECIALIZATION)

Harvard University, Master Public Administration (finance, land development).
Princeton University, BSE Civil Engineering (structural, water/wastewater).

CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

FL PE License #71327

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

Mr. Hutka has 28 years of capital Project Management experience, both as a consultant to and official in local government. His experience in delivering billions of dollars in successful construction programs as well as his publications and trade conference presentations have established him as one of the premier builders in the industry. Specifically, he has overseen many wastewater treatment plant construction and reconstruction projects here in Florida, most recently many at the Broward County Waste Water Treatment Plant including the installation of their new digester oxygenation system.

RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Director of Public Works: Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2009 - 2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Led 1,300 employees — construction (\$1 billion/year), facility management (9 million sq. ft.), real estate, space planning, streets, highways, solid waste, and water/wastewater. Award-winning progressive projects: LEED Gold for all buildings, AIA Top Ten Buildings in State for YAA Museum and Library, US Department of Energy Sustainable Grand Challenge Award, White House Climate Change Champion and Infrastructure Emergency Management. Comprehensive cost/schedule control reporting to focus on effective compliance and variance analysis. Team approach with PMs and attorneys to successfully prevail in disputed claims as integral part of \$1 billion/year construction program.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Director of Capital Program Management: HNTB Corporation		PROFESSIONAL SERVICES Design Engineer	CONSTRUCTION (If applicable) 2006 - 2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Consultant to public and private clients to manage large capital improvement programs and enhance funding sources. Clients included Indianapolis, South Bend, IN (Notre Dame University), Speedway, IN (Indy 500), City of Dallas, and Hillsborough County (Tampa)			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City Manager: Port Huron, MI		PROFESSIONAL SERVICE Assistant PM	2001 - 2006
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Championed dynamic community partnerships to fully re-energize a great, but recently stagnant community, honored with the most prestigious "All America City" award. Completed — with minimum neighborhood disruption — reconstruction of entire city's water, sewer, storm water and street infrastructure (US-EPA's nation-wide excellence award). First in many years new housing starts and filled downtown storefronts. Enlisted the collaborative efforts of regional governments, schools, college, corporate sponsors and citizen volunteers, as recognized with Municipal League's "Greatest Innovations" award. Led management team to "Thomas Edison Business Award" for creating exceptional work environment. 2001 to 2006.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Deputy County Manager: Osceola County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 1997 - 2001
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Directed all elements of public works, construction management, development/building permits, and land use planning for this high-growth area which includes Walt Disney World. Implemented concurrency master planning and smart growth measures for Disney's Town of Celebration and other nationally recognized sustainable developments. Many first-time initiatives: water-waste water county-wide master plan, personnel training, one-stop permitting, land development code, project cost/schedule controls, and management information systems.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

NAME	ROLE IN THIS CONTRACT	YEARS EXPERIENCE	
		A TOTAL	b. WITH CURRENT FIRM
YVONNE MCCLAIN	Executive Liaison	25	21

FIRM NAME AND LOCATION (City and State)

CMTS, LLC (Jacksonville, FL)



EDUCATION (DEGREE AND SPECIALIZATION)

B.A., Architecture, University of Oklahoma - 1991

CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Competent Person Trenching and Excavation Work Zone, Traffic Control, OSHA 10, Safety-One Tower Class, CMTS Safety Committee, American Public Works Association (APWA) 2004 - Present

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

Mrs. McClain has over 20 years of Owners Representative, Project and Construction Management experience with an emphasis on capital improvement programs ranging in value from \$20k to \$450m. She is responsible for managing talented professionals for several large capital programs in the State of FL that include Orlando International Airport, Tampa International Airport, JTA and JEA. In addition, Mrs. McClain is responsible for new client relations and managing business development activities for federal, state, local, and national pursuits as well as managing teams to assist in the successful acquisition of capital and construction programs. She serves as the primary point of contact for the clients to ensure appropriate talent is deployed on all programs and appropriate metrics for performance management are in place. She is creative and has developed and implemented client specific workforce outreach programs for large CIP's. Mrs. McClain has been responsible for over \$50 million in professional Owners Representation contact revenue for the last 14 years.

RELEVANT PROJECTS

<p>(1) TITLE AND LOCATION (City and State) Greater Orlando Aviation Authority – Orlando, FL</p>	<p>PROFESSIONAL SERVICES</p>	<p>(2) YEAR COMPLETED CONSTRUCTION (If applicable) 2012-Present</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>Ms. McClain is managing program implementation which includes staffing, for various task orders that were assigned to the CMTS staff on the North and South Terminal capital program. Staff provided construction management, quality assurance inspection and project controls services for the North and South Terminal programs. a few projects include two new lift stations, concessions renovations and new cell phone lot area. The South Terminal Development Program construction value \$1.5 Billion. Specific Role: Executive Liaison</p>		
<p>TITLE AND LOCATION (City and State) Denver International Airport, Denver, CO</p>	<p>PROFESSIONAL SERVICES</p>	<p>(2) YEAR COMPLETED CONSTRUCTION (If applicable) 2002-2006/ 2014-Present</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>Ms. McClain manages program implementation, staffing, for the on-call staff at the airport. Staff included: Civil airfield engineers, document controls, MEP and Structural inspectors and terminal project managers. Program Value - \$50 Million. Specific Role: Executive Liaison</p>		
<p>(1) TITLE AND LOCATION (City and State) Portland International Airport, Portland, OR</p>	<p>PROFESSIONAL SERVICE</p>	<p>(2) YEAR COMPLETED CONSTRUCTION (if applicable) 2015-Present</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>Ms. McClain is managing program implementation which includes staffing and training of staff on various capital projects at the airport. Project include PDX Taxiway B Center and Exits Rehabilitation, PDX Concourse C Service Elevator, PDX Post-Security Concessions Utilities Phase 3, PDX CUP Chilled Water Capacity Chiller, Concourse D West HVAC Replacement, and Terminal Balancing Concourse E Extension Program. Values - \$500 Million. Specific Role: Executive Liaison</p>		
<p>(1) TITLE AND LOCATION (City and State) Tampa International Airport, Tampa, FL</p>	<p>PROFESSIONAL SERVICE</p>	<p>(2) YEAR COMPLETED CONSTRUCTION (if applicable) 2015-Present</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>Ms. McClain is managed program implementation that include QA/QC electrical and mechanical coordinators to ensure that the client's superintendents are complying with the plans and specifications. Program Value - \$200 Million. Specific Role: Executive Liaison.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

NAME	ROLE IN THIS CONTRACT	YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Ejaz Ahmad P.E.	Process Engineer	43	18

FIRM NAME AND LOCATION (City and State)

CMTS, LLC (Orlando, FL)



EDUCATION (DEGREE AND SPECIALIZATION)

BS. Civil Engineering, West Pakistan University
MS Civil Engineering PIB (NYU)

CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida P.E. License #19893
General Contractor Florida

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

Mr. Ahmad offers 33 years of engineering experience including capabilities in the planning and design of roadway and drainage systems, water and wastewater systems, and site development projects. His 37 years of experience includes specialized expertise in the planning and design of drainage systems as well as in hydrology, hydraulics, flood control, and other water resources and management systems. Mr. Ahmad is also experienced with advanced computer modeling techniques.

Project responsibilities have included planning, design, construction plan preparation, utility relocation, specifications, construction cost estimates, construction management, and shop drawings/constructability reviews.

RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	PROFESSIONAL SERVICES	(2) YEAR COMPLETED
VP of Engineering Services (Engineering, Inspection Services, CM) Altamonte Springs,	VP of Civil	CONSTRUCTION (If applicable) 2014 - 2016
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>Conduct hydraulic analysis for storm water and water main expansion. Draft storm sewer and water main layout drawings. Prepare and submit permit applications to FDEP, FDOT, FEC, CSX, SJC and COJ. In requisition for survey, Geotech and soft digs, prepare sewer design drawings and services, roads and drainage evaluation, constructability review. Prepare bid package, advertise and evaluate bids. Organize pre-construction meeting. Constructability design review and value engineering. Coordinate fieldwork: address RFIs, review as-builts, document change orders, record plans, conduct site visits, coordinate contractors, and conduct scheduling review. Towards completion of project, responsible for review of punch lists, claims, and close out documents. Instruct new employees on fundamentals of engineering and construction.</p>		
I-9 5 Overland Bridge program Jacksonville Florida	Design Engineer	CONSTRUCTION (If applicable) 2012-2014
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>Project scope consisted of utility design services for. Designed 8", 10" & 16" Gravity sewer line. 8", 12" and 20" water main lines Prepared and submitted to FDEP and COJ. Provided coordination between JEA, City of Jacksonville, contractor and design consultant to confirm what utilities would be affected by the new alignment. Mr. Ahmad was responsible all utilities from Sta 147+00 to Sta 160+00. Utilities include, Force Mains, Gravity Sewer relocations. The project scope affected residential and commercial neighborhoods. The streets that were affected included Palm, San Marco, Hendricks, Kings, Prudential, Kipps, Onyx, and Lousia.</p>		
BP-452 Hangar Blvd, Sanitary Sewer Improvements Phases 1 & 2 Orlando, FL	Assistant PM	2016 - 2018
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>CMTS provided installation of two new lift stations, backup generators, force mains, sanitary sewer mains, concrete driveways, roadwork, MOT, roadwork, fencing, landscape, and the decommissioning of the existing lift station. The two new lift stations will replace the existing 30-year-old station on Hangar Blvd. The project cost is \$ 3, 285,000.00</p>		
Murray Hills Septic Tank Phase -Out Phase -V	Design and CM	2004- 2007
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM</p> <p>CMTS was initially hired by JEA In May 2004, to perform the design, permitting, and construction services for new Murray Hills B-Septic Tank Phase-Out - 5 Water, Sewer and Drainage Improvements. The sanitary sewer route was through heavily urbanized areas streets, along residential streets, business district and school. The project included 19,270 linear feet of 8 - 12" PVC SDR26 gravity sewer line, 453 linear feet of 8-inch HDPE force main, 730 feet of 3-4-inch PVC low pressure force main, one new duplex pump station, 250 sewer lateral connections and 7,680 linear feet of 6 - 8" PVC water main.</p>		

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

NAME	ROLE IN THIS CONTRACT	YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ROBERT L. DONNELLY	Electrical Engineer	30	<1

FIRM NAME AND LOCATION (City and State)

CMTS, LLC (Orlando, FL)



EDUCATION (DEGREE AND SPECIALIZATION)

Northeastern University – Boston, MA -1973
University of Miami – Miami, FL – 1967-68
Wentworth institute of Technology – Boston, MA - 1966

CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer Registration No. 44575, National Fire Protection Association (NFPA), Lighting Protection Institute (LPI Certified), Florida Agency for Health Care Administration (AHCA)

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

Mr. Donnelly has over 48 years of Engineering experience in the production and supervision of various construction projects. These projects entailed first level design and supervision, comprehensive research, test, surveys and specifications. He has extensive experience in providing quality control and technical review of engineering documents and design concepts provided by others. Mr. Donnelly's design specialties include Lighting Protection (Certified Inspector) and TVSS Transient Voltage Surge Suppression Expert, Grounding and Bonding, High Voltage Power Distribution, Power Distribution, Fire Alarm Systems, Communications, Cost Analysis, and Field Supervision

RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Eastern Regional water plant Orange County. FL		(2) YEAR COMPLETED CONSTRUCTION (If applicable) 2012 -Present	
PROFESSIONAL SERVICES Electrical Engineer			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Mr. Donnelly served as the Electrical engineer on this project responsible for Engineering drawings and documentation. He was also responsible for construction management service of all work including development and implementation of a safety plan as well as testing and close out of all equipment including training county staff on operation and maintenance.			
(1) TITLE AND LOCATION (City and State) Walt Disney World Resort SeaWorld, Orlando County, FL		(2) YEAR COMPLETED CONSTRUCTION (If applicable) 2008-2012	
PROFESSIONAL SERVICES Electrical Engineer			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Mr. Donnelly provided data infrastructure, power distribution, wiring controls for pumps servicing the Pinniped, Ski and Shamu Stadium. His team was also responsible for the grounding, bonding, and surge protection throughout the stadium's as well as the Shark Encounter.			
(1) TITLE AND LOCATION (City and State) Vistana, Cypress Walks, Hunter's Creek, Meadwoods, Oak Meadows, Water Facilities Orange County		(2) YEAR COMPLETED CONSTRUCTION (If applicable) 2005	
PROFESSIONAL SERVICE			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM			
Mr. Donnelly served as the Design Builder for this project providing both engineering and construction management on behalf of Orange county. His role included the management of a team that provided from conception to close out drawings and materials to satisfy the county. With 6 facilities plus two pump stations Mr. Donnelly's work helped service over 800k residents in the Orange County populous.			

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

NAME	ROLE IN THIS CONTRACT	YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
ALEXANDER OLMOS	Sr. Civil Inspector	15	2

FIRM NAME AND LOCATION (City and State)

CMTS, LLC (Ft. Lauderdale, FL)



EDUCATION (DEGREE AND SPECIALIZATION)

Construction Project Coordinator Program, Florida State College at Jacksonville -2009
 Associates Degree in Automotive Repair, Arroyo High School, El Monte, CA-1975

CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

NFSC Competent Person: Trenching & Evacuation, NFSC Confined Space Course, FEMA Reaction & Response, FDEP Qualified Storm Water Inspector, First aid, Competent p\Person Quest Construction Estimating

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

Mr. Olmos has over 18 years of experience in all areas of the construction industry and has successfully provided Owners Representative Inspection Services for numerous municipal construction projects. Mr. Olmos performs construction inspection services specializing in pump stations, gravity sewer, force mains, water mains, roadways, vacuum sewer mains, reclaimed water mains, drainage systems, and environmental remediation projects. Mr. Olmos has excellent communication, organization, and problem-solving skills works well with others and is a valuable addition to the teams he performs with.

RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Gate Pkwy – Glen Kernan to T-Line Reclaimed Water Transmission Main Project for Duval County, Florida		PROFESSIONAL SERVICES Inspector	CONSTRUCTION (If applicable) 2019-2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
The project consisted of installing 5,028 LF of 30" DIP reclaimed water main (RWM) (via open cut), 1,860 LF of 18" HDPE reclaimed water main (via two (2) horizontal directional drills), 6,652 LF of 16" PVC reclaimed water main (via open cut), 133 LF of 16" PVC water main relocation (via open cut), and 291 LF of 8" PVC reclaimed water main (via open cut). The 30" portion of the reclaimed water main will connect to an existing 30" connection stub out North of Glen Kernan Parkway. The 16" portion of the reclaimed water main will connect to a 16" stub in a JEA easement West of Kernan Boulevard just outside of the FDOT right-of-way South of J. Turner Butler Boulevard, continue West/South in a JEA easement that parallels the JTB/I-295 interchange, crosses under I-295 North of Gate Parkway, and connect to an existing 16" stub out West of I-295.			
T-Line to Busch Drive Transmission Force Main Project for Duval County, Florida		PROFESSIONAL SERVICES Inspector	CONSTRUCTION (If applicable) 2018-2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
The project consisted of installing 3,600 LF of 30" PVC force main piping (via open cut) and 6321 LF of 36" HDPE force main (via horizontal directional drill), North from a 36" connection stub out at the I-95/Busch Drive intersection, parallel to I-95, and connect to an existing (dry line) 20" force main located within the existing JEA T-line Corridor. The new 30" force main is an integral piece of the North sewer grid master plan. In addition, there will be approximately 256 LF of 8" HDPE fire hydrant lead installed (via horizontal directional drill) to provide water for the directional drilling and construction operations			
Fleming Island Regional WWTF Clarifier #4 Project for Clay County, Florida		PROFESSIONAL SERVICE Inspector	2017-2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
The project consisted of installing a new prestressed concrete 70' Clarifier influent, effluent tank, RAS, drain structure, New 8' inside diam wet well, underdrain piping, and all connections to existing piping/structures as required.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME CHARLES "STEVE" ZURSCHMIEDE	13. ROLE IN THIS CONTRACT Senior Scheduler	14. YEARS OF EXPERIENCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; text-align: center;"> a. TOTAL 36 </td> <td style="width: 50%; text-align: center;"> b. WITH CURRENT FIRM 8 </td> </tr> </table>		a. TOTAL 36	b. WITH CURRENT FIRM 8
a. TOTAL 36	b. WITH CURRENT FIRM 8				
15. FIRM NAME AND LOCATION (City and State) KEITH, Fort Lauderdale, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Building and Construction Management, Perdue University, 1984		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	CPM Services Fort Lauderdale-Hollywood International Airport Terminal 4 Gate Replacement (Fort Lauderdale, FL)	2012	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Zurschmiede, is the Senior Schedule Manager for the Team, responsible for preparation, coordinating and updating the Master Program Schedule, creating scheduling related reports and providing various types of scheduling analysis for the \$400 Million international terminal expansion. He is a key component in the overall responsibilities for CPM Services including: control the overall sequencing of the projects to facilitate completion of each construction contract as part of the Project within the approved time frame and within the estimate of construction cost of the Project; quality acceptance of the construction work in accordance with the construction and procurement contracts it manages and in accordance with BCAD/PMO Policies and Procedures; monitoring the work of the construction contractor(s); and construction management of the project-related construction contracts. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm </div>		
b.	Miami International Airport North Terminal Development Program (Miami, FL)	2010	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Zurschmiede served as the program Schedule Manager for Miami International Airport's \$3 billion North Terminal Development (NTD) Program. Responsible for managing the NTD scheduling team, as well as, coordinating and updating the Master Program Schedule, creating scheduling related reports and providing various types of scheduling analysis. The NTD program is a 4 story, 3.2 million square foot program that expands and refurbishes MIA's entire North Terminal Area from Concourse A to D. The NTD program provides 48 wide/narrow body aircraft gates plus 22 commuter aircraft gates. Once completed, MIA's new North Terminal Complex will contain all the elements of a Domestic & International Hub. <div style="text-align: right;"> <input type="checkbox"/> Check if project performed with current firm </div>		
c.	Fort Lauderdale-Hollywood International Airport Expansion Program (Fort Lauderdale, FL)	2012	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Program / Project Scheduler for the FLL Expansion Program which includes design and construction of the Exit Roadways System, 9 Floor Rental Car Facility & Parking Garage, New Toll Plaza and Pedestrian Bridges, Concourse A and New Baggage Facility, a New International Terminal and a new 9L-27R 9000' long runway. Responsible for approval and update review of all construction and design schedules, also responsible for the development, maintenance and updating of the Master Program Schedule. Developed a Program Design/Construction Project Schedule and Master Program Schedule Update procedures, including revising the construction scheduling specification section. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm </div>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME CLAUDETTE PEARSON	13. ROLE IN THIS CONTRACT Document Control Specialist	14. YEARS OF EXPERIENCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">a. TOTAL</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center;">20</td> <td style="text-align: center;">2</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	20	2
a. TOTAL	b. WITH CURRENT FIRM						
20	2						
15. FIRM NAME AND LOCATION (City and State) KEITH, Fort Lauderdale, Florida							
16. EDUCATION (DEGREE AND SPECIALIZATION) Peterborough Regional College		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)							

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Broward County Reclaimed Water Plant Expansion (Sunrise, FL)	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="flex: 1;"> <p>The North Regional Wastewater Treatment Plant (NRWWTP) utilizes a 54-inch ocean outfall and Class I Injection Wells as the primary means of treated effluent disposal. Recent legislation by the State of Florida, generally known as the "Ocean Outfall Rule", eliminates the use of ocean outfalls for disposal after 2025. The Outfall Rule also mandates the implementation of a wastewater reclamation program with a minimum capacity of 60 percent of the facility's Baseline Flow above and beyond current reclaimed water application. This is a total reclaimed water production of approximately 26 mgd for the NRWWTP. Broward County has requested services pertaining to the expansion of the existing reclaimed facility to increase its firm rated capacity to approximately 26 mgd. As a subconsultant to Brown and Caldwell, KEITH is performing a subsurface utility exploration at the proposed improvement sites within the plant and for proposed yard piping routing. Ground Penetrating Radar (GPR) will be used to designate, verify, and document location of existing underground facilities, including major piping, electrical conduits, and storm water facilities. Soft digs will also be conducted to verify the elevation of the designated underground facilities. KEITH will also assist with identifying potential conflicts and critical interconnects that require subsurface investigation. KEITH is tasked with surveying activities to supplement the existing topographic survey provided by the Broward County and verifying the elevation of select hydraulic process structures such as top of weir/wall/floor and overflow elements of existing structures. KEITH is also tasked with landscape architectural services associated with the exterior design and construction of two buildings as part of the North Regional Wastewater Treatment Plant Reclaimed Water Expansion. For both North and South locations, KEITH will perform a tree inventory and appraisal, an existing tree disposition plan, landscape plans, and irrigation plans. Lastly, KEITH is assisting Brown and Caldwell with the detail design engineering services for the yard piping design.</p> </div> <div style="flex: 0 0 150px; text-align: right; padding-right: 10px;"> <input checked="" type="checkbox"/> Check if project performed with current firm </div> </div>		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	School Board of Broward County Program Management (Broward County, FL)	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="flex: 1;"> <p>As a part of the SBBC Program Management contract with KEITH, Claudette was responsible for the maintenance control of all Engineering Documentation including: managing creation, routing and data input of Bill of Materials, ECOs, ECRs, and ISO documents, initiating weekly meetings, maintaining and updating company procedures and forms.</p> </div> <div style="flex: 0 0 150px; text-align: right; padding-right: 10px;"> <input checked="" type="checkbox"/> Check if project performed with current firm </div> </div>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Peter Codrington	13. ROLE IN THIS CONTRACT Structural/MEP Inspector	14. YEARS OF EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State)

Messam Construction, Miramar, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

St. Mary's Academy, West Indies 1986/ AGC Carpentry School 1995

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

N/A

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

30-Hour OSHA Safety Certification

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Ft. Lauderdale Terminal 4 Expansion (Ft. Lauderdale, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
a.	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>The Turner/Messam Construction/Keith team is providing Owner Representation services on this complicated project that includes the expansion of Terminal 4 east and west concourses. As the Construction Project Management Team, we are responsible for managing two separate construction managers at risk, Balfour Beatty and MCM, to ensure the project is built to BCAD, Department of Homeland Security and FAA specifications. Messam provides a Project Engineer, Superintendent and a Document Control Manager as a part of the Owner Rep Team with Turner Construction.</p> <p>Scope of Services: Owner Representation Size: East and West Terminals including 34,000 sf of concessions Project Cost: \$450,000,000 Project Role: Owner Representative Partner / Turner Construction Project Owner: Broward County Aviation Department</p>		
	Ft. Lauderdale Terminal 2 Modernization (South Florida)	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)
b.	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>This complicated project includes the complete renovation of Terminal 2 for Delta. As the Construction Project Management Team, we are responsible for managing Turner Construction, to ensure the project is built to BCAD/Delta, Department of Homeland Security and FAA specifications. Messam is partnered with PMT Technologies as the Program Manager/Owner Rep.</p> <p>Location: Ft. Lauderdale International Airport Scope of Services: Program Management/Owner Representation Size: Terminal 2 34,000 sf of concessions Project Cost: \$220,000,000 Project Role: Program Management Partner / PMT Technologies Project Owner: Broward County Aviation Department</p>		
	Galaxy Elementary School Modernization (Boynton Beach, FL)	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2015
c.	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>103,000 gsf. K-5 facility and City Park. Project is registered LEED Platinum. Project requirements included extensive pre-construction Services to identify LEED Platinum features. Demolition of old school and new construction of LEED Platinum school. Messam provided Project Executive oversight and a Project Engineer as a part of the CM Team.</p> <p>Scope of Services: Pre-Construction + Construction Management Size: 103,000 gsf Project Cost: \$20,700,000 Project Role: Construction Manager Partner LEED Certification: Platinum Project Owner: School District of Palm Beach County</p>		
	Pompano Beach Cultural Center & Public Library (Pompano Beach, FL)	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2017
d.	<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Messam provides pre-construction and construction management services to the City of Pompano Beach for the construction of a new two-story 46,000 SF library and cultural center building. Additional scope of work includes site development, demolition work, new utility connections, paving, grading, drainage, new parking lots, service area, and a dedicated book drop. Site improvements include a new civic plaza featuring raised planter areas, street furniture, a lightning bolt plaza and a new paved breezeway connecting the parking areas to the civic plaza. Messam provides a Project Superintendent, LEED Consultant and a Document Control Manager as a part Construction Manager @ Risk Team with OHL Building.</p> <p>Scope of Services: Pre-Construction + Construction Management Size: 46,000 gsf Project Cost: \$17,000,000 Project Role: Construction Manager Partner w/ OHL Project Owner: Broward County & Pompano Beach CRA</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Craig Gordon	13. ROLE IN THIS CONTRACT Quality Control Manger/Inspector	14. YEARS OF EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION (City and State)

Messam Construction, Miramar, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

B.S. Construction Management, North Carolina A&T University, 2005

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

N/A

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

30-Hour OSHA Safety Certification, NCCER Trained, LEED Green Associate (Candidate)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Broward County Civil Courthouse (Ft. Lauderdale, FL)	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Weitz Company/Messam Construction/KEITH team was selected as the Construction Project Management (CPM) firm for the design and construction of the New Civil/Family Courthouse. The facility is a high rise building that has approximately 22 floors of programmed space with a shelled floor. Location: Ft. Lauderdale Scope of Services: Owner Representation Size: 730,000 sf Project Cost: \$191,000,000 Project Role: Construction Project Management/Owner Representation Project Owner: Broward County		
	Ft. Lauderdale Terminal 2 Modernization (South Florida)	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This complicated project includes the complete renovation of Terminal 2 for Delta. As the Construction Project Management Team, we are responsible for managing Turner Construction, to ensure the project is built to BCAD/Delta, Department of Homeland Security and FAA specifications. Messam is partnered with PMT Technologies as the Program Manager/Owner Rep. Location: Ft. Lauderdale International Airport Scope of Services: Program Management/Owner Representation Size: Terminal 2 34,000 sf of concessions Project Cost: \$220,000,000 Project Role: Program Management Partner / PMT Technologies Project Owner: Broward County Aviation Department		
	Galaxy Elementary School Modernization (Boynton Beach, FL)	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2015
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 103,000 gsf. K-5 facility and City Park. Project is registered LEED Platinum. Project requirements included extensive pre-construction Services to identify LEED Platinum features. Demolition of old school and new construction of LEED Platinum school. Messam provided Project Executive oversight and a Project Engineer as a part of the CM Team. Scope of Services: Pre-Construction + Construction Management Size: 103,000 gsf Project Cost: \$20,700,000 Project Role: Construction Manager Partner LEED Certification: Platinum Project Owner: School District of Palm Beach County		
	Pompano Beach Cultural Center & Public Library (Pompano Beach, FL)	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2017
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Messam provides pre-construction and construction management services to the City of Pompano Beach for the construction of a new two-story 46,000 SF library and cultural center building. Additional scope of work includes site development, demolition work, new utility connections, paving, grading, drainage, new parking lots, service area, and a dedicated book drop. Site improvements include a new civic plaza featuring raised planter areas, street furniture, a lightning bolt plaza and a new paved breezeway connecting the parking areas to the civic plaza. Messam provides a Project Superintendent, LEED Consultant and a Document Control Manager as a part Construction Manager @ Risk Team with OHL Building. Scope of Services: Pre-Construction + Construction Management Size: 46,000 gsf Project Cost: \$17,000,000 Project Role: Construction Manager Partner w/ OHL Project Owner: Broward County & Pompano Beach CRA		

4.2.5 APPROACH TO SCOPE OF WORK

H. UNDERSTANDING OF SCOPE OF WORK

As capital project professionals with many years of experience completing successful wastewater construction in the Fort Lauderdale area, we fully understand what the City is looking for in its Construction Engineering and Inspection partner. Everything we do will be dedicated to keeping the GT Lohmeyer WWTP Replacement of Oxygen System project on schedule, on budget and of the highest quality. Along the way, we will build and maintain the best working relationships with everyone working on or affected by the project: City staff, the Design Build Firm, permitting agencies, FPL, neighboring property owners, and all other stakeholders.

Furthermore, we understand our role as CEI is to review, analyze and make recommendations to City staff. We will represent the City well, ethically, and professionally in all meetings and interactions with all parties, but not overstep our bounds in our role as the City's CEI and limited representative. First and foremost, we will work with the City to uphold the requirements and intent of the Design Build Firm contract, our own CEI contract and all other relevant project agreements.

For this assignment, we have assembled a team of the best experts in their respective fields. Our project team has specialists each with decades of successful experience providing Construction Engineering and Inspection (CEI) Services. In addition, our experience in CEI Services is supplemented with vast experience in capital project management, wastewater process engineering, construction inspection, construction contracting and every other technical discipline required to assist the City in successfully completing the GT Lohmeyer WWTP Replacement of Oxygen System project. Our Program Manager alone has over thirty years' experience designing, constructing and reconstructing wastewater treatment plants in Florida, the last eleven years building and leading the teams that have extensively renovated the Broward County Waste Water Treatment Plant via many different design, construction and CEI contracts.

If desired, our deeply-experienced team can lead formal processes to make sure every aspect of this project is the most efficient and most cost-effective by analyzing all possible design and construction options using formal constructability, value engineering, partnering and other industry review methods.

CMTS LLC is a minority-owned business enterprise and a proud graduate from the Florida State certification program. Likewise, KEITH is a woman-owned business enterprise and a proud graduate from the Florida State certification program. Messam Construction is a Florida certified Small Business firm, and will be adding to our team with their extensive experience directly in the construction industry.

Every member of our team lives and works locally and has CEI, construction and engineering experience in the unique climate and permitting requirements of South Florida. Most of our team has worked directly with and for City staff on a number of water, wastewater and other types of projects right here in the City of Fort Lauderdale. Our offices and residences are literally minutes from the project site and Fort Lauderdale City main offices. In fact, our proposed field office already exists at the corner of SR 84 and Andrews — less than one mile from the project site. We'll work hard to help protect against any emergencies, but if quick response is needed, all of our professionals are close by and available day and night, every day of the week to help you address any issue as needed.

Our companies are small enough to value the City of Fort Lauderdale as one of our most important clients, and to quickly respond to your needs. But we are also large and diverse enough to already have all the in-house disciplines that will be needed for the successful start and completion of the work, and which might be needed to quickly address any unexpected issues that sometimes arise during construction.

Each member of our companies' team members are available for this project to serve the City of Fort Lauderdale on a priority basis. We are ensuring you have the very best and most experienced professionals assigned to each and every task in the CEI scope of services.

Staff	Assignment
Thomas Hutka, PE CMTS	Project Manager Civil Engineering Review Structural Engineering Review
Overall project management, Project quality control, Bid evaluation and recommendation, Schedule and progress review and recommendation, Budget and cost review and recommendation, Accounting reports, Cash flow reports, Special permits, Civil engineering design review and recommendation, Structural design review and recommendation, Pay application review and recommendation, Civil engineering inspection and recommendation, Structural inspection and recommendation, As-built drawing review and recommendation, Shop drawing submittal review and recommendation, Requests for information review and recommendation, Testing procedure and result review and recommendation, Claims review and recommendation, Punch list review and recommendation, Warranty, commissioning and closeout review and recommendation, Close-out report.	
Ejaz Ahmad, PE	Process Engineering Review
Process engineering design review and recommendation, Process construction inspection and recommendation, Shop drawing submittals review and recommendation, Commissioning review and recommendation, Coordination of operation/maintenance manuals and training.	
Claudette Pearson	Document Controls
Meeting scheduling and minutes, Log and documentation file maintenance, Pay application review processing and tracking.	
Robert Donnelly, PE	Electrical Engineering Review
Electrical design review and recommendation, Electrical inspection and recommendation, Electrical safety inspection and training, Shop drawing submittals review and recommendation, Commissioning review and recommendation, Coordination of operation/maintenance manuals and training.	
Steve Zurschmiede	Schedules
Scheduling, Schedule review and recommendation.	
Alex Olmos, Peter Codrington	Construction Inspection Services
Construction inspection and recommendation, Pay application review and recommendation, As-built drawing review and recommendation, Testing review and recommendation, Punch list review and recommendation.	
Craig Gordon	Construction Review
Construction methods review and recommendation, Construction labor review and recommendation, Subcontract and material supplier review and recommendation, Constructability review and recommendation, Construction feasibility and approach review and recommendation, Bid evaluation and recommendation, Construction inspection, Safety/risk management training, review and recommendation, Coordination of work/staging/storage areas, Schedule and progress review and recommendation, Budget and cost review and recommendation, Claims review and recommendation.	

CONSTRUCTION ENGINEERING AND INSPECTION PROCESS

A) Review of Construction Contract Documents

The CMTS team will be responsible for overseeing all Construction Engineering and Inspection (CEI) tasks, and will work closely with the City-designated representative throughout the project. We have assembled a team of professionals in the fields of wastewater processes, general civil engineering, structural engineering, electrical engineering, surveying, permitting, construction inspection, construction methods and quality control to ensure all aspects of the project will get the technical review your project requires — starting with the design phase. Our professional engineers and construction experts can, if requested, perform constructability reviews, and conduct value-engineering analysis for recommendation to the City.

Design Review Meetings/Comments

This meeting summarizes review comments for the 35%, 95% and 100% Construction documents for a specific Design Package. It's important to note that these comments by CMTS staff are technical review comments identifying variances in the design from client standards and conflicts that could create potential construction changes; these comments are not intended to modify scope or cost of the project.

The Contract Drawings submitted for Final Design Review shall include the drawings previously submitted which have been revised and completed as necessary. The DCF is expected to have completed all of his coordination checks and have the drawings in a design complete condition. The drawings shall be complete at this time including the incorporation of any design review comments generated by the Preliminary Design Review. The drawings shall contain all the details necessary to assure a clear understanding of the work throughout construction. Shop drawings are not considered design drawings. All design shall be shown on design drawings prior to submittal of shop drawings.

The Draft Specifications on all items of work submitted for Final Design Review shall consist of legible marked-up specification sections. The Contractor may begin construction on portions of the work for which CMTS has reviewed and the City has approved the Final Design Submission and has determined satisfactory for purposes of beginning construction.

BIM/ Coordination Drawings

The review of the CADD and Scheduling files will be an activity of the Quality Control Plan that focuses on verifying the compliance with the mutually agreed to requirements established with CMTS and the City. CMTS and KEITH will lead this effort. We will work within the Schedule workflows. At pre-determined intervals, we will electronically identify, track and publish interference reports between all disciplines.

As-builts

The DBF shall prepare a set of final scaled drawings that fully documents the completed state of the work. These drawings may take forms ranging from simple schematics to detailed installation drawings, depending on the requirements of the individual task order. The detail required in the as-builts will be determined by the complexity of the project as ascertained by City upon recommendation of the CEI.

Throughout the construction phase, the contractor shall maintain a set of red-lined, scaled, marked up drawings to document the status of the work. These drawings shall be kept up to date and shall be available for CMTS review upon request. The final version of these red-lined drawings shall be reviewed by CMTS and shall be used by the Contractor as the basis for development of the final as-built drawings for review by CMTS and approval of the City.

B) Review of Contractor Submittals Including Shop Drawings

CMTS has extensive knowledge and technical competence in the construction submittal process. When evaluating submittals and shop drawings for complex projects, CMTS's process is structured to meet the requirements of the Contract Documents and will incorporate the parameters of the project specific specifications. A Submittal Register will be created and maintained in electronic form as Design Packages become available in accordance with the Specifications.

The Submittal Register will list all required submittals at the beginning of the projects. As submittal packages are received from Contractor all submittals will be reviewed by the CEI. All submittals will be reviewed for compliance with the Plans and Specifications. Submittals which are not acceptable will be recommended to the City for return to the Contractor for resubmission. Upon return and City concurrence (upon CEI advice) that the submittals are acceptable, submittal packages are stamped and signed by City staff and sent to Contractor as approved or approved as noted.

Submittals are a Contract Requirement

The Contractor is required to furnish a specified quality of construction, including materials and equipment to be incorporated in the work. Control of the quality of materials and equipment require timely review, testing, or other evaluation. All required submittals must be made in time to allow for evaluation, approval, procurement, and delivery prior to the preparatory control phase and before the item is needed in the construction process. The primary responsibility for the overall management and control of contractor submittals lies with the DBF.

Monitoring of the Contractor's quality management control to assure that the submittals are timely appropriately certified, and in compliance with the contract will be performed by CMTS's QA staff.

While the submittal process can be time consuming for both Contractor and CMTS technical and administrative personnel and can significantly affect the construction schedule, procurement, placement, testing, and transfer procedures, it is critical to the success of both the quality control and quality assurance processes. As such, its scope must be carefully thought out during the design process and submittal requirements tailored to trim-fit the specific job. Because submittal approval must be timely to allow procurement and delivery of materials or equipment prior to the preparatory inspection (P/I) phase of the 3-step inspection process, the number and type of submittals required by the contract should be kept to the minimum amount sufficient to assure the specified construction quality is achieved.

Deviations

This includes any submittal by the Construction Contractor that varies from the construction contract specifications or drawings.

O&M Manuals

These include those involving equipment that must be checked for compatibility with the entire system.

C) Review of Design/Builders Initial Schedule

Schedule

One of our most effective tools for managing, tracking, and reporting complex and/or large projects is Critical Path Method (CPM) scheduling. With the aid of state-of-the-art tools, we forge a cost-loaded master project schedule that clearly identifies the relationship of the construction activities and denotes the responsible parties utilizing the work breakdown structure system. Because of CMTS's thorough knowledge of complex scheduling we have the ability to analyze, break down and provide accurate data to our clients regarding project status and guidance to our field staff that then tracks the project on a daily basis, identifying critical issues that may cause delays or allow acceleration. Once the scope has been defined the Development of Schedules for each of the Major elements listed above will be accomplished. Also, working with the CPM, an effort will be conducted to clearly identify all of the interface points between elements. This is extremely important because it represents one of the most significant areas of risk.

The Critical Path Method (CPM) also known as a Network Analysis System

CPM/NAS is a planning and scheduling method that utilizes a network diagram (graphical plot) to show all job operations in a sequential fashion necessary for orderly completion. It is a device utilized by contractors to plan, schedule, coordinate, and control work activities on projects in such a manner to enable the contract to be completed in the quickest and most economical fashion possible.

A CPM schedule provides the project manager with the following invaluable time-control devices:

1. Provides a means to predict with reasonable accuracy the time required for overall project completion.
2. Make possible the identification of those activities whose expedient execution is crucial to timely project completion. (These are called critical activities, hence the name of the method.
3. Serves as a guide for project shortening when the completion date must be advanced.
4. Serves as a basis for balanced scheduling of manpower on the project.
5. Makes possible the rapid evaluation of alternative designs.
6. Serves as a convenient vehicle for progress reporting and recording.
7. Affords a basis for evaluating the time effects of design and construction changes and delays."

Delivery Method—examination of possible delivery methods for each of the elements during this stage is key because of the overall impacts they will have to the program. The delivery method must be looked at in relation to project type, schedule implications, budget implications, and other factors. The current options that are currently being practiced nationally are Traditional (design, bid, build), Guaranteed Maximum Price, Construction Manager at Risk, and Design Build. The focus, however, will be to ensure that the most efficient method is recommended.

The contractor should submit its CPM schedule within the time required by the specifications. The schedule must be verified as being logical and attainable. Failure to enforce this requirement is highly detrimental to project

management. Partial payments should not be processed until an acceptable CPM schedule has been submitted. CMTS will not recommend work start nor recommend partial payments until an acceptable schedule (interim or final) is received and approved. Once approved, the schedule must be maintained up to date with regard to job progress and changes.

Schedule Review can be divided into three (3) basic parts:

1. Submission of schedule within the time required by the specifications.

- a. The schedule must be practicable showing the order in which the Contractor proposes to perform the work.
- b. The schedule must include the start and finish dates of salient features of the work (including acquiring materials, plant, and equipment).
- c. In the form of a progress chart of suitable scale to indicate the percentage of work scheduled for completion by any given date during the period.
- d. If the Contractor fails to submit a schedule, progress payment may be withheld.

2. Updating the actual progress on the chart.

- a. If Contractor falls behind his approved schedule he shall take steps necessary to improve progress, without additional cost to the City.
- b. Contractor may be directed to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant.
- c. Contractor may be required to provide supplementary schedule or schedules in chart form to demonstrate how the approved rate of progress will be regained.

3. Remedy for lack of compliance.

- a. Determination may be made by CMTS that the Contractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the contract.
- b. Failure to comply may result in the City determining breach of contract.

D) Analysis/Evaluation of Schedule Updates

“Tell me I will forget; Show me I will remember; involve me I will understand.” Anonymous Chinese proverb

Our culture is customer centric: listen to the City’s needs, understand the needs, and develop a solution. We believe that the ability to have a satisfied customer is based on the ability to listen to your concerns. Our solutions are based both upon your unique challenges and your budgetary constraints. To clearly understand all your needs, we must ask. “I heard what you said but let me make sure I know what you meant.” We provide a written document with our understanding of the problem or need. We then solve the problem or need and with the budget and schedule in mind.

CMTS presents the solution, showing your staff how we will accomplish the solution. CMTS believes that client involvement is essential to the success of every project. The entire team performs an important role in every stage of the tasks presented. This allows the CMTS and the City to share why and how each decision is made and allows the City to choose which solution best suits the needs of the project both financially and functionally. The City of Fort Lauderdale’s input is crucial. The CMTS Team’s ability to listen and respond is what makes our engagements successful.

On many of our projects, CMTS schedulers have worked with and or trained our client’s personnel to review all Baseline Multi-contract Schedules with the client’s preferred scheduling software. The majority of our scheduling services utilize Primavera P6 and Microsoft Projects. Our scheduling Project Manager will work with government personnel to manage, analyze and evaluate the schedule. CMTS will guide and train the client staff how to use report data to accurately determine project status. Reports will focus on specific coordination issues to proactively address sequencing problems. Variance reports will highlight performance issues regarding schedule delays and cost over/under runs to minimize impacts to the contract commitments. After evaluation, our reports will include a narrative that describes the following:

- Work completed during the month
- Milestones missed with cause and recommendations for resolution
- Problem areas
- Actual or potential impacts
- Adjustments to sequence/workflow processes, relationships, and logic ties
- Identify the addition of new contracts
- Identify Change Order activities incorporated since the prior update
- Work planned for the coming month

Although the versatility exists for any type of reporting, a standard hierarchical reporting level concept for typical management reports and program schedule/cost control will be utilized and shared with City personnel for review and or training purposes. During construction, CMTS staff with conjunction with City personnel will monitor the construction schedule on a weekly and then daily basis. This will assist you in training your personnel, and keep you informed of the project status in real time.

CMTS maintains the goal of delivering successful projects on time, within budget and to the highest level of quality possible. CMTS and its team members have successfully provided similar services on countless complex projects across the country and are both capable and comfortable with providing these services in support of the City of Fort Lauderdale.

E) Review of Contractor's Quality Control and Accident Prevention Plans

Description of Duties, Personnel Responsibilities & Authorities

CMTS understands that Contractor Quality Control is the means by which the Contractor ensures that the construction, to include that of Subcontractors and Suppliers, complies with the requirements of the contract. To ensure that the contractor can and will meet the requirements for quality for this important project, CMTS staff will review the contractor's proposed CQC plan. In this plan, the team staff will be looking for phased controlled processes that are conducted by the Contractor's CQC system manager or appointed employee designated as the Quality Control Manager.

This plan will need to include points at which CMTS staff can meet with the contractor to review their intended scope of work as it relates to the project specifications, and contract drawings. CMTS staff will ensure that the Contractor's CQC plan incorporates provisions for required inspections and testing.

The team staff will also review the Contractor's CQC plan to ensure the inclusion of a point at which an inspection occurs at the start of any specific scope of work. The Contractor's CQC plan shall allow for the check of work to ensure full compliance with contract requirements, a review of any prior meeting documentation, establishment of a level of minimally acceptable workmanship, and verification that all required testing is being performed.

The team staff will ensure the Contractor's CQC plan includes follow up inspections for the purpose of maintaining the required quality of work until each scope is completed. The CQC plan should show an interval for these inspections which should be no less than daily.

CMTS will ensure that the Contractor designates a QC Manager the responsibility of establishing and implementing the QC Program. They are the senior QC representative on site and represents the Contractor in all matters pertaining to quality control.

The Contractor's QA Manager has the following responsibilities:

- Control the quality specified in the plans and specifications.
- Review and evaluate technical requirements and documents for specified quality criteria.
- Develop and maintain QC inspections, test procedures, and instructions.
- Control, index, and maintain all project QC procedures, instructions, records and documents. Log, distribute, control and file all technical documents and changes to them, assuring all obsolete documents are recalled.
- Evaluate quality control activities, records, documentation and implementing corrective actions.
- Monitor QC activities assuring compliance with test procedure requirements.

- Be present on site when work is in progress.
- Stopping work for QC deficiencies.

Design/Build Firm will be required to:

- Designate an on-site representative as its Quality Control representative.
- The QC representative will report to the CMTS Staff for all quality control matters.
- Review and evaluate technical requirements and documentation for specified quality criteria.
- Perform and/or have performed tests and inspections in accordance with established requirements and criteria.
- Furnish a written daily report of all activities to the CMTS Staff including documentation of all inspections and tests.
- Monitor safety and record all violations and actions taken to prevent injury to any personnel or materials.

The Contractor's CQC plan will be reviewed to ensure that a scope safety analysis (Hazzard Analysis) is reviewed and discussed. The QC plan should require individual crews attend the inspection meeting and understand the safety requirements for the work at-hand.

F) CONSTRUCTION

The CMTS Team will continue its management role through the construction phase, including reviewing construction submittals, monitoring, and inspecting the construction progress versus cost, and coordinating final construction closeout and commissioning tasks. We will tailor our construction services team to respond to the design-build delivery system selected. CMTS will supervise the implementation of a complete quality assurance program to ensure each contract is finished in accordance with the criteria of the contract documents. Typically, this includes monitoring of workmanship, code, and safety compliance for all wastewater treatment, architectural, electrical, mechanical and specialty construction. Our team will develop and implement reporting procedures necessary to document all events, relevant project data tests, progress, and other significant occurrences. In addition, we ensure all required inspections occur within a timely and efficient manner. When the inspection process utilizes photographic technology to systematically document the project quality and progress, these records will be maintained to prevent or minimize any potential claims.

Quality Assurance Implementation

CMTS incorporates a Three Phase Control strategy that allows the team to thoroughly track, monitor, and confirm the contractor's activities and quality of work throughout the construction phase. The Three Phase Control strategy is the backbone to CMTS construction QA, inspection, and reporting.

Three Phase Control

Contractor Quality Control is the means by which the CEI ensures that all construction, including the Subcontractors' and Suppliers', complies with contract requirements. At least three phases of control shall be conducted by the CEI Project Manager for each definable element of work, as follows:

- 1.) Preparatory Phase Meeting** - Prior to commencing work, CMTS will require the contractor to provide 24-hour notice of the date and time of the Preparatory Phase Meeting. A Preparatory Meeting will be held for each definable feature of work to review of specifications, referenced codes and standards. A copy of those sections of referenced codes and standards applicable to that portion of the work to be performed in the field shall be made available at the Preparatory Meeting. Copies are to be maintained in the field and be available for use by the CEI and the City until Final Acceptance of the work. All contract drawings and provisions for required inspections and testing are to be reviewed. There should be a physical examination of the work area, materials, equipment and sample work to ensure that they conform to shop drawings and submitted data. An Activity Hazard Analysis [AHA] will be prepared before the meeting for this portion of the work. The meeting will be held prior to the start of work and will be conducted by the CEI Project Manager, or his designee, and be attended by the Construction Contractor and the Designer. The AHA will be reviewed during the meeting with the foreman of the crew to perform the work. There shall be a discussion of the procedures for controlling the quality of work, correcting deficiencies, and documenting the construction tolerances and workmanship

standards for the features of work to be performed. All minutes of each such meeting will be attached to the daily reports.

2.) Initial Phase Inspection - This phase is to be accomplished at the beginning of a definable feature of work and include the following: a check of work to ensure full compliance with contract requirements, a review of the minutes of the preparatory meeting, establishment of a level of minimally acceptable workmanship, and verification that all required testing is being performed. The AHA will be reviewed and discussed. The Contractor and appropriate Subcontractors should all attend the inspection meeting and understand the safety requirements for the work at-hand.

3.) Follow-Up Phase Inspections - Daily checks of the on-going feature of work shall be performed by the CEI Staff to maintain the required quality of work until each feature is completed. Any deficiencies will be corrected before new work is performed, to prevent building on top of deficient work. Actual dates of the Preparatory and Primary Meetings will be documented and filed. Follow-up inspections occur daily, until the phase of work being inspected is completed. Additional Preparatory and Primary Phase Meetings will be conducted on features of work if:

- the on-going quality of work is unacceptable;
- if there are changes in the applicable Contractor staff or Subcontractor staff;
- if a definable feature of work is resumed after a substantial period of inactivity, or;
- if other problems develop.

A checklist will be used for verification of status and tests and incorporated in the QC Plan.

Deficiencias

A NTC (Notice to Comply) will be recommended to the City for delivery to the Contractor when work does not comply with the Contract Documents. NTCs are also applicable to deficiencies in documentation or procedures, materials and safety. No other work will be added to or built upon the deficient work until its correction has been completed and approved by the City upon recommendation of the CEI. A computerized NTC Log will be kept by the CEI and continually updated. All NTCs which represent changes to the Contract Documents should be posted on the As-Built Documents.

Completion Inspection

Punch-out Inspection: Near the completion of all construction work or any increment thereof established by a completion time stated in the construction or stated elsewhere in the specifications, the CEI shall conduct an inspection of the work and develop a "punch list" of deficiencies to be included in the QA/QC documentation, and shall advise the City to request an estimated date by which the deficiencies will be corrected. The CEI Staff will make a second inspection to ascertain that all deficiencies have been corrected and once approved by the City, the Contractor shall notify the CEI that the facility is ready for "Pre-Final Inspection".

Pre-Final Inspection: the CEI will perform this inspection to verify that the facility is complete and ready for commissioning. The client-initiated "Pre-Final Punch List" may be developed from this inspection. The Construction Contractor shall ensure that all items on this list have been corrected in a timely manner within the time slated for completion and shall notify the CEI so that a "Final Inspection" can be scheduled.

Final Acceptance Inspection: City staff, the CEI, the Designer and the Construction Contractor will be in attendance at this inspection. Additional personnel may also be in attendance. The final acceptance inspection will be formally scheduled by the Construction Company based upon results of the Pre-Final inspection. The City and the CEI shall be provided a minimum notice of 14 days prior to the final acceptance inspection and will include the Contractor's assurance that all specific items previously identified as unacceptable, along with all remaining work to be performed, will be complete and acceptable by the date scheduled for the final acceptance inspection.

The CEI will document the submittal status, the three phase control inspections and testing, User Training, Installed Property, weekly coordination meetings, and daily progress. The contract document program provides for documenting daily reports, which documents the following:

- Contractor/ Subcontractor and their specific work. The number of each craft working, the hours worked, weather conditions, and any delays encountered.
- Operating equipment hours worked or idle.
- Work performed each day
- Test and/ or control activities performed with results and references to the specification/ drawing requirements, identifying the phase, Preparatory, Primary or Follow-Up, along with any corrective action.
- Quantity of materials received, with statement of acceptability, storage and reference to plan/ specification requirements.
- Submittals and deliverables reviewed
- Off-site surveillance activity and action taken.
- Job safety evaluations and instructions or corrective action taken.
- Instructions given or received and conflicts in the plans / specifications.
- Contractor's Verification Statement
- As-built notation entries are also available in the designated project software and will be utilized during course of work.

CMTS staff has mastered managing the close-out phase of complex projects utilizing extensive check lists, intensely reviewing punch lists, accurately reviewing as-built drawings, and providing all necessary close out documents for jurisdictional authorities.

G.) Investigation and Evaluation of Contractor Claims Including Claims for Time Extensions

Claims Mitigation

The constraints of cost, time, and the environment leave little room for perfect contract documents or perfect construction conditions. The Contractor is committed to build the project within the constraints of budget, the contract documents, and good construction practices. Any variance from these constraints will cause variations in time and cost. As such, remedies will be sought in the form of change orders and, perhaps, claims. The administration of claims and changes is time-consuming, to say the least.

In some cases, a contract encounters situation that result in change orders to the construction contract. From time to time, significant or critical issues may occur that prompt the contractor to request significant accommodation in the form of either an extraordinary change order or an actual claim. In accordance with best practices, our CEI team engages in appropriate analysis to substantiate and approve all changes to contracts. However, in certain cases, the claim or request is complex, costly, and perhaps of questionable merit. In such cases, very specialized and comprehensive analysis is required to evaluate the fundamental basis of the claim and determine the appropriate cost and schedule consideration due the contractor.

Occasionally, our clients may receive a change order request or an actual claim that is so complex, comprehensive, and precedent setting that it warrants extraordinarily detailed review and analysis. When this occurs, it is imperative to apply necessary analysis and scrutiny to all construction change orders and claims. Our claims team will coordinate with the City's legal staff as necessary to help resolve any unresolved claims in a timely fashion to substantiate and bolster negotiation and resolution.

An active role in claim and change management is mandatory to mitigate costs to the City. Organized procedures, such as schedules, form the backbone of a strong and effective Quality Control and Quality Assurance organization.

Identification of a potential problem is the first and most important phase of the entire change or claim management process. One cannot remedy a problem unless it is known to exist. Very often, identification is automatic, such as a change order initiated by the City. Most claims situations, however, arise out of subtle differences in field conditions, from jobsite delays or as a result of differences in contract interpretation. In these and all other instances, a problem situation must be recognized and identified as soon as it occurs.

CMTS CEI staff have extensive claims expertise and can assist government personnel with almost any construction dilemma imaginable. Our approach to claims resolution is broad-based and relies on the participation of CMTS and our team's multi-disciplined staff of professional engineers, construction managers, cost and damages experts, scheduling and delay experts, contract administrators, and other claims specialists. Such a broad range of expertise is essential in analyzing the complex liability, causation and damage components of a claim. CMTS claims experts conduct detailed analyses of the claims, break them down event-by-event and issue-by-issue, to help facilitate a thorough evaluation of the problem and develop an effective resolution. This is crucial in bringing the desired level of confidence required by our clients.

Our Claims Expertise includes but is not limited to:

- Review disputes and claims from design and/or construction contractors,
- Furnish reports with supporting information necessary to resolve disputes or defend against claims,
- Participate in meetings or negotiations with claimants,
- Appearance in legal proceedings,
- Preparation of cost estimates and schedules for use in claims negotiations,
- Preparation of risk assessments/analyses relative to claim exposures,
- Preparation of findings of fact and any other documentation required by the City, and
- Claims Analysis Method

The CMTS team has evaluated numerous change orders and claims on governmental construction programs. The reviews proved significant support on our client's position and identify and document valid justifications for the claims that are approved.

Risk Management

Risk Management is one of the key components to program/project controls. It pulls key information from cost and scheduling resources to facilitate the probability of meeting cost and schedule objectives. Our Risk Management processes allow users to categorize high, medium or low uncertainty risks, determine which tasks are the most sensitive to delay and cost increases, create more realistic schedules and assign responsibility and accountability to each risk mitigation strategy. The four primary tasks of risk management include:

- Defining risk requirements,
- Identifying risk elements,
- Quantifying risk impacts, and
- Tracking potential risks and selecting appropriate mitigation tools.

KNOWLEDGE OF LOCALITY

The CMTS team consists of professionals who call Greater Fort Lauderdale their home, have many years of experience completing wastewater construction projects in Greater Fort Lauderdale, and know what makes this area special. Together, the team has the ability to provide the very best and most prompt services to the City of Ft. Lauderdale. Specifically, our team is familiar with the local contracting community, local building codes, local character and climate of the area, local construction pricing, and every other aspect of the local working environment important to making the GT Lohmeyer WWTP Replacement of Oxygen System project a success for the City of Fort Lauderdale.

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4.2.7 M/WBE PARTICIPATION

State of Florida

Since 1984, CMTS has been a privately held African American owned firm. We operate under five NAICS codes and CMTS is recognized as a small business in these five NAICS categories. CMTS is a certified DBE firm in Florida, Georgia, Colorado, Texas, South Carolina, Philadelphia, Seattle and Oregon. . For the fiscal year 2019-2020, the CMTS' workforce has maintained an average of 53% women and/or minorities on our payroll.

Minority, Women, and Emerging Small Business Contracting

Our M/WBE partners have strong infrastructure experience with both KEITH Engineering (WBE) and Messam Construction (MBE). Messam is our State of FL certified Small Business Firm who will be providing our construction inspection support services. As a Minority owned firm, maintaining a diverse workforce is an integral part of our culture. We appreciate clients who understand the value of a diverse workforce and our Board members will continue to implement and support our efforts to extend opportunities to everyone and to continue to recruit and maintain a diverse workgroup.

4.2.8 SUB-CONSULTANT UTILIZED

CMTS LLC, is proud and excited to team with KEITH Team and Messam Construction as sub-consultants on this project. We are equally convinced that this group of professionals will meet and exceed the City of Fort Lauderdale's needs.

KEITH TEAM

The roots of the KEITH team stem from the City of Fort Lauderdale where our founder, Mr. Bill Keith, was raised. The KEITH team has called Broward County home throughout our more than twenty-year history. In addition to our headquarters located in Pompano Beach, we have long considered Fort Lauderdale our home away from home with our office located near the city center.

KEITH, a Florida Corporation, has worked on thousands of successful surveying projects in Broward County. The team has worked through a complexity of schedules, budgets, and programs, alongside the staff at City of Fort Lauderdale, and others, to ensure the success of these projects is maintained. The KEITH team has the blend of experiences to handle every aspect of the projects' needs from start to finish.

At KEITH, we understand the importance of our team bringing the necessary experts to partner with the City of Fort Lauderdale to ensure that all aspects of our projects are managed with excellence. Our team includes experts in a wide range of disciplines in house to promise a full suite of services are available to support each project. KEITH is accustomed to working on complex solutions with the City of Fort Lauderdale in a timely manner to guarantee valuable resources are managed and put to best use. We bring with us decades of project experiences which allow our team to apply best practices and lessons learned. It is our primary goal that the City of Fort Lauderdale continues to succeed long after our services have been rendered.

Over the last two decades, KEITH has grown a Construction Management division that has delivered significant key projects for public agencies and private clients. Our CEI staff has honed its skills in all areas of design, construction, and inspection, including cost oversight, with the ultimate goal of protecting the owner's interests, and that of its stakeholders. KEITH is committed to providing the staff and resources required to complete each task on time and within budget. KEITH has also had the opportunity to work with the Florida Department of Transportation (FDOT) and we understand FDOT standards and procedures. We also stay current with FDOT's design directives and standards, attending regular trainings. KEITH is pre-qualified with FDOT in work groups 3.1, 3.2, 6.1, 6.2, 7.1, 7.2, 7.3, 8.1, 8.2, 8.4, 10.1, 13.6, and 15.0; specifically, Category 10.1 – Roadway Construction Engineering Inspection, as required for this contract.

KEITH is pleased to demonstrate our understanding and knowledge of the CEI roles and responsibilities for the County. Through our past success and experience, we believe we are the most qualified team to provide these services to the City of Fort Lauderdale.

WATER DISTRIBUTION AND SANITARY SEWER COLLECTION SYSTEM SERVICES

KEITH has a vast experience with studies, designs, permitting and construction administration tasks associated with water distribution and sanitary sewer collection systems. Designs following standards of most all South Florida utility providers have been implemented. Sanitary sewer collection system designs ranged in pipe sizing from a 2-inch force main serving a grinder pump system to a 16-inch diameter force main transmission line. Water distribution system designs ranged from 4-inch diameter fire sprinkler lines to 24-inch diameter water transmission lines. All manner of service demand evaluation and hydraulic capacity of these systems has been evaluated in the design of these systems. KEITH inspection staff have expertise with all AWWA/ Florida HRS testing requirements of water distribution systems and all FDEP testing requirements for gravity/ force main sanitary sewer collection systems.

CEI SERVICES

Members of KEITH has experienced, and qualified staff trained in providing Construction Engineering and Inspection (CEI) services. Our inspection staff members are CTQP (Construction Technician Qualification Program) certified. From construction managers to technical inspection personnel, our highly efficient team has the flexibility to support

private development clients as well as governmental municipalities and State agencies (FDOT). We provide an array of Construction Engineering and Inspection services including contract administration, construction management, document control, utility coordination, observations / inspections, schedule and cost controls and contract close-out certifications. The unique ability to understand and recognize both construction constraints and the processes required for a successful project is what defines the KEITH CEI team.

MESSAM CONSTRUCTION TEAM

Asset Builders, LLC d/b/a Messam Construction, founded in 2003, is a statewide construction management firm organized in the State of Florida. The firm brings together the elements of general construction and construction management in every project. This offers our clients a firm of seasoned professionals who are leaders in the construction industry.

Mission

The firm specializes in commercial construction projects, in Florida. Our approach is best characterized by a "Partnering Relationship". We dedicate ourselves to turning our client's designs and construction documents to life. We are committed to sustainable construction practices; that commitment is evidenced by the LEED Accredited Professional designation held by Wayne Messam, CGC, LEED AP & Angela Messam, LEED AP, the principals of Messam Construction. Clients know Messam Construction for the creativity of its solutions and the sense of urgency we bring to each and every project.

Local Knowledge, Clients & Partners

Our client list includes Federal government agencies, school districts, county and municipal governments and many private corporations. Messam Construction has also established strategic alliances with many of the country's largest builders providing them with construction management staff support and LEED Accredited Professionals. Our alliances have contributed and built many iconic projects throughout Florida.

Sustainable Construction

Messam Construction is currently building and managing over 1 million square feet of construction that is seeking LEED certifications from Platinum, Gold and Silver. We are that 95% of every K-12 project we have built has achieved or is registered to receive a LEED certification. Our associates are either Accredited LEED AP's or LEED GA candidates.

Client Satisfaction

Messam takes a client's-eye view of our work, planning and designing to accomplish the client's goals in the most effective manner. Our proactive communication principles identify goals and expectations upfront. This ensures that the client is always in the loop and no assumptions are made. Messam Construction is the proud recipient of the South Florida Minority Supplier Development Council 2013 MBE Supplier of the Year.

SMALL BUSINESS OF CHOICE

Messam was recently commissioned by the M-DCPS Board as the #1 ranked MBE firmed for the CMR Sheltered Marked Miscellaneous Projects Program. Our firm also assist with MBE/SBE and M/WBE Outreach and Construction Management Services on the team. **Messam has been recognized as the Palm Beach Partners Advocate of the Year: 2011, 2012, 2015; Small Business Enterprise of the Year: 2018 and Minority/Woman Business Enterprise of the Year 2020.**


SUMMARY

CMTS and our Team would like to thank the City of Fort Lauderdale for the opportunity to deliver this proposal outlining our qualifications for CEI Services. We are excited and ready to work with your staff on this important project. Our team is located in and near Fort Lauderdale, and we have the depth and diversity of professional technical experience to respond quickly to whatever needs arise. In addition, we are committed to helping the City of Fort Lauderdale meet its small business utilization requirements.

We are committed to help you complete this project on schedule, within budget and of the highest quality.

If you have any questions regarding this submission, please do not hesitate to contact me at ymcclain@cmtsllc.com or 503-201-8787.

Thank you,

I, AUTHORIZED REPRESENTATIVE	
The foregoing is a statement of facts.	
31. SIGNATURE	32. DATE
	October 20, 2020
33. NAME AND TITLE	
Yvonne McClain, COO	

A. Statement of Qualifications Certification

STATEMENT OF QUALIFICATION CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the Department of State, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) CMTS LLC

Address: 2598 E. Sunrise Avenue

City: Fort Lauderdale State: FL Zip: 33304

Telephone No. 754.301.8761 FAX No. 214.637.6226 Email: ymcclain@cmtsllc.com

Check box if your firm qualifies for MBE / SBE / WBE: ☐

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>N/A</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. **If submitting your response electronically through BIDSYNC you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.**

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Yvonne McClain
Name (printed)

10/20/2020
Date:


Signature

Chief Operating Officer
Title

B. Non-Collusion Statement

NON-COLLUSION STATEMENT N/A

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

- 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).
- 3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

C. CONTRACT PAYMENT METHOD

CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate with which credit card payment you prefer:

_____ Master Card

_____ ☒ Visa

Company Name: CMTS LLC

Yvonne McClain
Name (printed)

10/20/2020
Date:


Signature
Chief Operating Officer
Title

D. SAMPLE OF CERTIFICATE OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/15/20

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, Inc of Florida 1001 Brickell Bay Drive, Suite #1100 Miami, FL 33131-4937		CONTACT NAME: Aon Risk Services, Inc of Florida PHONE (A/C, No, Ext): 800-743-8130 FAX (A/C, No): 800-522-7514 EMAIL ADDRESS: ADP.COI.Center@Aon.com	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A : New Hampshire Ins Co	NAIC # 23841
		INSURER B :	
		INSURER C :	
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 3011465 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEC <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WC 027134740 PA	7/1/2020	7/1/2021	X PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
All worksite employees working for CMTS LLC, paid under ADP TOTALSOURCE, INC's payroll, are covered under the above stated policy.

CERTIFICATE HOLDER

Sample

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

Aon Risk Services, Inc of Florida

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ACORD 25 (2016/03)

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1007878



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/16/2020

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

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

PRODUCER Brown & Brown Northwest 2701 NW Vaughn St, Ste. 340 Portland, OR 97210 www.bbnw.com	CONTACT NAME: Brown & Brown Northwest PHONE (A/C, No, Ext): 503-274-6511 FAX (A/C, No): 503-274-6524 E-MAIL ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A: Continental Insurance Company INSURER B: Continental Casualty Company INSURER C: Argonaut Insurance Company INSURER D: Lloyds Syndicate 2623/623 at Lloyds (Beazley) INSURER E: INSURER F:
INSURED CMTS LLC 2598 East Sunrise Blvd Fort Lauderdale, FL 33304	NAIC # 35289 20443 19801

COVERAGES **CERTIFICATE NUMBER:** 58175565 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVP	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:		6042950423	10/1/2020	10/1/2021	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$15,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPIOP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		6042950390	10/1/2020	10/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR DED <input checked="" type="checkbox"/> RETENTION \$10,000		6042950406	10/1/2020	10/1/2021	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$ PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input type="checkbox"/> N/A					
C	Professional Liability & Pollution Liability		121AE015682901	10/1/2020	10/1/2021	Per Occur: \$5,000,000 Aggregate Limit: \$5,000,000 Retention: \$50,000 Limit: \$1,000,000 / Retention: \$2,500
D	Cyber/Internet Liability		W1E5FB200401	10/1/2020	10/1/2021	

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

General Liability Extension Endorsement #CNA74858XX 01/15 and Blanket Additional Insured - Owners, Lessees, or Contractors - with Products-Completed Operations Coverage Endorsement #CNA75079XX 01/15, includes primary noncontributory, completed operations, and waiver of subrogation.
Auto Blanket AI: #SCA23500D 10/11; Auto Blanket Waiver of Subrogation #CA0444 10/2013

CERTIFICATE HOLDER

Sample

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

Craig Payne

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58175565 | 20/21 All Lines | Kyle Olson | 10/16/2020 7:49:38 AM (EDT) | Page 1 of 25

E. NON-DISCRIMINATION CERTIFICATION FORM

CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to the City of Fort Lauderdale Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

The complete non-discrimination provisions may be found on the City's website at the following link: https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_D_IV2PR_S2-187NSCCO

The Contractor shall not, in any of its activities, discriminate against their employees based on the employee's race, color, religion, gender, gender identity, gender expression, marital status, sexual orientation, national origin, age, disability or any protected classification as defined by applicable law.

1. The Contractor certifies and represents that it will comply with this Section during the entire term of the Contract.
2. The failure of the Contractor to comply with this Section shall be deemed to be a material breach of this Contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Contract if the Contractor fails to comply with this Section.
4. The City may retain all monies due or to become due until the Contractor complies with this Section.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in [section 2-183](#) of this Code of Ordinances of the City of Fort Lauderdale, Florida.


Authorized Signature

Yvonne Chief Operating Officer

Print Name and Title

10/20/2020

Date

F. E-VERIFY AFFIRMATION STATEMENT

E-VERIFY AFFIRMATION STATEMENT

RFQ/RFP/Bid /Contract No: 12401-116

Project Description: GT Lohmeyer Wastewater Treatment Plant Replacement of Oxygen System

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: CMTS LLC

Authorized Company Person's Signature: 

Authorized Company Person's Title: Chief Operating Officer

Date: 10/20/2020

G.Acknowledgement of Addenda

CMTS LLC, acknowledges that there are no addenda associated with this solicitation.

H. COMPANY LICENCES



Ron DeSantis, Governor

Halsey Beshears, Secretary



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

BOARD OF PROFESSIONAL ENGINEERS

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

CMTS CONSTRUCTION MANAGEMENT SERVICES, LLC

8500 N STEMMONS FREEWAY
SUITE 6040
DALLAS TX 75247

LICENSE NUMBER: CA29420

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

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Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

KEITH & ASSOCIATES, INC.

301 EAST ATLANTIC BOULEVARD
POMPANO BEACH FL 33060

LICENSE NUMBER: CA7928

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



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Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

MESSAM, WAYNE MARTIN

ASSET BUILDERS LLC
3600 RED ROAD STE. 303
MIRAMAR FL 33025

LICENSE NUMBER: CGC1512276

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



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.

State of Florida

Woman & Minority Business Certification

Asset Builders, LLC

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
06/23/2020 to 06/23/2022



Jonathan R. Satter, Secretary
Florida Department of Management Services



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

SF330 PART II (CMTS, KEITH, MESSAM)

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFQ 12401-916

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME

CMTS LLC

3. YEAR ESTABLISHED

2010

4. DUNS NUMBER

966683406

2b. STREET

8500 N. Stemmons Freeway, Suite 6077

5. OWNERSHIP

a. TYPE

Limited Liability Corporation - Partnership

2c. CITY

Dallas

2d. STATE

TX

2e. ZIP CODE

75247

b. SMALL BUSINESS STATUS

DBE, MBE, SBE, VOSB

6a. POINT OF CONTACT NAME AND TITLE

Yvonne McClain, Chief Operating Officer

7. NAME OF FIRM (If block 2a is a branch office)

CMTS LLC

6b. TELEPHONE NUMBER

214-637-6200

6c. EMAIL ADDRESS

ymcclain@cmtslc.com

8a. FORMER FIRM NAME(S) (If any)

CMTS, Inc.

8b. YR. ESTABLISHED

1993

8c. UNIQUE ENTITY IDENTIFIER

74-2679617

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (See below)
		(1) FIRM	(2) BRANCH			
02	Administrative	5	15	A06	Airports, Terminals	8
06	Architect	2	1	B02	Bridges	6
07	CADD Technician	2	3	C15	Construction Management	5
12	Civil Engineer	2	5	C18	Cost Estimating, Cost Engineering	5
15	Construction Inspector	10	40	D04	Design-Build Preparation	4
16	Construction Manager	5	10	H07	Highways, Streets, Airfield Paving	5
18	Cost Engineer/Estimator	2	4	R03	Railroad; Rapid Transit	6
48	Project Manager	4	10	R06	Rehabilitation-Building/Structures	8
51	Safety/Occupational Health Eng	3	6	S13	Storm Water Handling & Facilities	5
53	Scheduler	2	2	T06	Testing and Inspection Services	5
61	Value Engineer	2	5	T06	Tunnels and Subways	5
Total		39	101			

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	8
c. Total Work	8

PROFESSIONAL SERVICES REVENUE INDEX BY NUMBER

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE

October 20, 2020

c. NAME AND TITLE

Yvonne McClain – Chief Operating Officer

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

RFQ 12401-116

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME KEITH			3. YEARS ESTABLISHED 1998	4. DUNS NUMBER 618480219
2b. STREET 2312 South Andrews Avenue			5. OWNERSHIP	
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33316	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Alex Lazowick, PE, PMP, President			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER 954-788-3400		6c. E-MAIL ADDRESS marketing@keithteam.com		7. NAME OF FIRM (if block 2a is a branch office) N/A
8a. FORMER FIRM NAME(S) (if any) Keith and Associates, Inc.			8b. YR. ESTABLISHED N/A	8c. DUNS NUMBER N/A

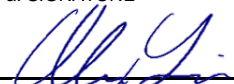
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
02	Administrative	20	1	A06	Airports; Terminals and Hangars	0
12	Civil Engineering, PE	10	0	B02	Bridges	0
60	Transportation Engineering, PE	3	0	C07	Coastal Engineering	0
15	Construction Inspector	8	0	C10	Commercial Building (Low Rise)	2
16	Construction Manager	25	0	C11	Community Facilities	3
29	G.I.S. Specialist	1	0	C15	Construction Management	2
38	Land Surveyor, PSM	6	0	C16	Construction Surveying	2
39	Landscape Architect, RLA	5	5	E02	Educational Facilities	2
47	Planner: Urban/Regional	12	12	F02	Field Houses; Gyms; Stadiums	0
48	Project Manager	7	3	G04	G.I.S. Services; Development, Analysis	1
53	Scheduler	5	0	H07	Highways, Street, Airfield Paving	2
	Landscape Designer	8	8	H09	Hospitals & Medical Facilities	2
	Project Engineer	26	0	I06	Irrigation; Drainage	2
	Project Surveyor	8	0	L03	Landscape Architecture	3
	Survey Field Crew	23	0	P05	Planning (Community, Regional...)	3
	Subsurface Utility Engineer	5	0	R03	Railroad; Rapid Transit	0
	Subsurface Utility Field Crew	9	0	R04	Recreation Facilities (Parks, Marinas, etc.)	3
	Utility Coordinator	6	0	S10	Surveying; Platting; Mapping; Flood Study	2
	VDC/BIM/CIM	1	0	S13	Storm Water Handling & Facilities	1
				T04	Topographic Surveying & Mapping	2
				W03	Water Supply; Treatment & Distribution	2
				Z01	Zoning; Land Use Studies	2
	TOTAL	188	29			

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	N/A	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	4	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	4	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

September 18, 2020

c. NAME AND TITLE

Alex Lazowick, PE, PMP, President

1. SOLICITATION NUMBER (if any)

RFQ 12401-116

PART II – GENERAL QUALIFICATIONS

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


2a. FIRM (OR BRANCH OFFICE) NAME Asset Builders, LLC dba Messam Construction			3. YEARS ESTABLISHED 2003		4. DUNS NUMBER 14-637-7408	
2b. STREET 3600 Red Rd, Ste 303			5. OWNERSHIP			
2c. CITY Miramar		2d. STATE FL	2e. ZIP CODE 33025			
6a. POINT OF CONTACT NAME AND TITLE Wayne Messam, CGC, LEED AP, BD+C, Partner			a. TYPE Corporation			
6b. TELEPHONE NUMBER 954-899-3973			b. SMALL BUSINESS STATUS SBE/CBE/MWBE			
6c. E-MAIL ADDRESS sales@messamconstruction.com			7. NAME OF FIRM (if block 2a is a branch office) N/A			
8a. FORMER FIRM NAME(S) (if any)			8b. YR. ESTABLISHED N/A		8c. DUNS NUMBER N/A	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL 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			
16	Construction Manager	30	20	C15	Construction Management - 2015	5
15	Construction Inspector	2	2	C15	Construction Management - 2016	6
				C15	Construction Management - 2017	6
				C15	Construction Management - 2018	6
				C15	Construction Management - 2019	6
	TOTAL	32	22			

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	N/A	11. Less than \$100,000	16. \$2 million to less than \$5 million
b. Non-Federal Work	4	12. \$100,000 to less than \$250,000	17. \$5 million to less than \$10 million
c. Total Work	4	13. \$250,000 to less than \$500,000	18. \$10 million to less than \$25 million
		14. \$500,000 to less than \$1 million	19. \$25 million to less than \$50 million
		15. \$1 million to less than \$2 million	20. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	October 20, 2020
c. NAME AND TITLE	
Wayne Messam, CGC, LEED AP, BD+C, Partner	