COPY

Response to: **RFQ 21-R00076/PH**

Design-Build of Lockhart Water Treatment Plant Expansion Project

Submitted to:

Hernando County
Purchasing & Contracts
15470 Flight Path Drive
Brooksville, Florida 34604

Submitted by:

Archer Western Construction, LLC
4343 Anchor Plaza Pkwy, Suite 155
Tampa, Florida 33634
813.849.7500 | *www.walshgroup.com*

as:

Archer Western/Wade Trim
Design-Build Team

WADE TRIM

#1 Builder of Water Treatment Plants in U.S.

August 15, 2021

Hernando County | Purchasing & Contracts
15470 Flight Path Drive | Brooksville, Florida 34604

RE: RFQ 21-R00076/PH | Design-Build of Lockhart Water Treatment Plant Expansion Project

Dear Selection Committee Team Members:

The Archer Western/Wade Trim Design-Build Team was strategically assembled to provide Hernando County with a **strong local presence** and a cohesive team that has **successfully worked together on past design-build projects.** We understand that this is the County's first design-build project. Our team is committed to executing this project successfully for the County while we serve as your partner, ensuring effortless communication and project delivery. We will work hand-in-hand with the County to provide the experience and confidence necessary to perform future design-build projects. As the County continues its growth and development of regional treatment facilities, **it is imperative to select a team that can guide the County through this project delivery method—one with extensive knowledge of the County's long-term vision.** For this reason, Bob Bruner, PE, DBIA, has been selected to serve as the Design-Build Project Manager. Bob has extensive experience working on numerous complex design-build projects and is local to the Tampa Bay area. Bob will work closely with the team's local Design Manager, Chris High, PE, and Construction Manager, J.D. Gillespie, to perform this project within budget and on schedule.

UNDERSTANDING YOUR NEEDS | We recognize the forecasted growth anticipated within the northern and eastern quadrants of the County require new water sources; and that various community developments, such as Trilby Crossing, are now placing a larger forecasted demand on the County's water supply. We believe the primary issues/concerns to be addressed with this project are:

- Future demands within this part of the county
- Monitoring and maintaining superior water quality
- Improving system reliability and pressures
- Ensuring minimum fire flow conditions are maintained

To further strengthen our understanding of the County's needs, we have partnered with Kris Samples, PE, at Mead & Hunt. Over the years, he has established strong professional relationships with various County staff ensuring means for effective and open communication along with a unique understanding of Hernando County's goals for this project. Kris has been a trusted advisor for the County; he has knowledge of the water master plan as well as the County's long-term vision.

SUPERIOR EXPERIENCE WITH DESIGN-BUILD | The Archer Western/Wade Trim Design-Build Team combined has completed **more than 350 design-build projects during the last 20 years, totaling over $536M in capital improvements**; several being Florida projects of similar scope, size and complexity.

LOCATION IS ESSENTIAL | Our team is located completely within the Tampa Bay area, within just 50 miles of the project site and County office. This hand-picked team will provide focused, timely, and economically feasible solutions, and a level of responsiveness unmatched by our competitors.

AVAILABILITY AND RESOURCES | With more than 1,000 Florida-based staff and the support of more than 2,000 employees company-wide, Archer Western is capable of self-performing almost all of the necessary services for this project, which provides the County with a **single point of accountability and savings due to reduced overhead costs**. In addition, our local design team partners are **100% dedicated to serve this project and the County** ensuring the necessary resources are available to meet the County's needs.

Thank you for this opportunity. Our team is immediately available to partner with the County to deliver a successful solution for the Lockhart WTP Expansion Project.

Sincerely,
Archer Western/Wade Trim Design-Build Team

Duane Petersen, Vice President
Archer Western Construction
623.703.1362
dpetersen@walshgroup.com

Thomas S. Brzezinski, PE, Executive V.P.
Wade Trim, Inc.
813.480.9000
Tbrzezinski@wadetrim.com

CONTACT INFORMATION for All Design-Build Team Members

1 DESIGN-BUILD PRIME
Archer Western Construction, LLC
4343 Anchor Plaza Pkwy, # 155
Tampa, FL 33634
T: 813.849.7500
F: 813.848.7581
E: rbruner@walshgroup.com
W: *walshgroup.com*

2 DESIGN LEAD
Wade Trim
One Tampa City Center
201 N. Franklin Street, # 1350
Tampa, FL 33602
T: 813.882.4373
F: 888.499.9624
E: tbrzezinski@wadetrim.com
W: *wadetrim.com*

3 DESIGN SUB—STRUCTURAL, ELECTRICAL, AND ADVISORY
Mead & Hunt
2203 North Lois Avenue, # 225
Tampa, FL 33607
T: 813.210.8740
F: 608.273.6390
E: kris.samples@meadhunt.com
W: *meadhunt.com*

4 SUBCONSULTANT—GEOTECHNICAL
AREHNA Engineering, Inc.
5012 W. Lemon Street
Tampa, FL 33609
T: 813.944.3464
F: 813.944-4959
E: klacava@arehna.com
W: *arehna.com*

5 SUBCONSULTANT—HYDROGEO
WSP, Inc.
2202 N. West Shore Blvd, #300
Tampa, FL 33607
T: 813.520.4444
F: 813.520.4290
E: jeffrey.trommer@wsp.com
W: *wsp.com*

6 SUBCONSULTANT—SURVEY
Suncoast Land Surveying
111 Forest Lakes Blvd
Oldsmar, FL 34677
T: 813.854.1342
F: N/A
E: kyle@suncoastls.com
W: *suncoastlandsurveying.com*

2. MINIMUM QUALIFICATIONS

[SECTION 6.2]

TRAVELERS

Travelers Bond
215 Shuman Blvd.,
Naperville, IL 60563
Telephone: (630) 961-7052
Fax: (630) 961-7020

July 26, 2021

Hernando County Purchasing & Contracts
15470 Flight Path Drive
Brooksville, FL 34604

RE: Design-Build of Lockhart Water Treatment Plant Expansion Project
RFQ 21-R00076/PH

To Whom It May Concern:

We have been advised that **Archer Western Construction, LLC** is submitting a Statement of Qualifications in response to the above mentioned project. **Travelers Casualty and Surety Company of America** is pleased to recommend **Archer Western Construction, LLC** as a professional, well-financed construction company.

Travelers Casualty and Surety Company of America is currently providing **Archer Western Construction, LLC** with bonding support of $400 million dollars on single contracts and $8 billion dollars for an aggregate work program. Thus, **Archer Western Construction, LLC** has the ability to provide a proposal bond and a performance and payment bond in the amount of $5,000,000. All issuance of bonds is subject to the review and approval of all contract terms, conditions and bond forms.

Travelers Casualty and Surety Company of America authorized to transact business in all fifty (50) states with a Treasury Listing of $209,103,000 and is rated A++ XV by A.M. Best Company.

Should you have any questions, or need additional information, please feel free to contact me.

Yours truly,
Travelers Casualty and Surety Company of America

By: _____
Patricia Collins, Attorney-in-Fact

TRAVELERS

Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Patricia Collins of Sarasota, Florida,** their true and lawfulAttorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof **(including any and all consents required by the Florida Department of Transportation or the Central Florida Expressway Authority incident to the release of retained percentages and/or final estimates)** on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April, 2021.**

State of Connecticut

By: _____
Robert L. Raney, Senior Vice President

City of Hartford ss.

On this the **21st** day of **April, 2021**, before me personally appeared **Robert L. Raney,** who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 26th day of July , 2021 .

_____
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

Empower Results®

July 22, 2021

To Whom It May Concern

RE: Design-Build of Lockhart WTP Expansion Project
Board of Commissions, Hernando County, Florida; RFQ 21-R00076/PH
Contractor: Archer Western Construction, LLC

Please be advised that the insurance companies providing insurance to Archer Western Construction, LLC will supply all the insurance, at the limits required, as defined in Insurance Requirements for the above captioned project.

If you have any questions, please contact us.

Sincerely,

Richard Subak, CPCU, ARM
Vice President – Account Executive
Construction Practice Group
312-381-4380
rick.subak@aon.com

Empower Results®

July 22, 2021

To Whom It May Concern

RE: Archer Western Construction, LLC
Workers Compensation – Experience Modification Rates

Please be advised that the following reflects the Workers Compensation Experience Modification Rating Factors for Archer Western Construction, LLC.

Year	Rating
Effective: 6/1/2021	.60 NCCI Interstate Rating
Effective: 6/1/2020	.63 NCCI Interstate Rating
Effective: 6/1/2019	.76 NCCI Interstate Rating

Should you have any questions, please do not hesitate to contact our office.

Sincerely,

Rick Subak, CPCU, ARM, CRIS
Senior Vice President / Strategic Account Manager
Aon Risk Services Central, Inc.| Construction Services Group
200 East Randolph Street | Chicago, Illinois 60601
t +1.312.381.4380 | m +1.312.498.9059
rick.subak@aon.com

3. TECHNICAL AND MANAGEMENT QUALIFICATIONS

[SECTION 6.3]

Section 3 Table of Exhibits

3. TECHNICAL AND MANAGEMENT QUALIFICATIONS [6.3]

Exhibit 1: D-B Team Organizational Chart

Design-Build Team Organizational Chart

D-B Team Members

1 Archer Western
2 Wade Trim
3 Mead & Hunt
4 Arehna Engineering
5 WSP
6 Suncoast Land Surveying

KEY PERSONNEL

Resumes are provided on the following pages for all Key Personnel shown on the organizational chart.

EXECUTIVE STEERING COMMITTEE
Duane Petersen[1]
Tom Brzezinski, PE[2]

DESIGN-BUILD PROJECT MANAGER
Bob Bruner, PE, DBIA, ENV SP[1]

TECHNICAL ADVISORS
Bill Harrington, PE[2]

Kris Samples, PE[3]

SAFETY OFFICER
Steve Thomas, CSP, CHST[1]

DESIGN

DESIGN MANAGER
Christopher High, PE, ENV SP[2]

LEAD DESIGN ENGINEER
Jeff Lowe, PE[2]

LEAD PROCESS ENGINEER
Travis Parsons, PE[2]

LEAD ELECTRICAL ENGINEER
Keff Kurella, PE, CDT[3]

LEAD INSTRUMENTATION & CONTROLS ENGINEER
Alan Schwab, PE[2]

PUMPING & PIPE ENGINEER
Tom Wilson, PE[2]

PROCESS DESIGN SUPPORT
Matt Munz, PE, ENV SP[3]

PRECONSTRUCTION & CONSTRUCTION

CONSTRUCTION MANAGER
J.D. Gillespie[1]

LEAD CONSTRUCTION SUPERINTENDENT
Joe Poulos[1]

PROJECT LEAD ESTIMATOR
Steve Cornett[1]

SCHEDULE & COST CONTROLS
Cole Samuelson[1]

VALUE ENGINEERING
Dallas Evans[1]

CONSTRUCTION QUALITY CONTROL
Chad Townsend[1]

START-UP/ COMMISSIONING
Butch Babler[1]

SUPPORT SERVICES

STRUCTURAL DESIGN	WATER SYSTEM HYDRAULICS	GEOTECHNICAL SERVICES	HYDROGEO/WATER QUALITY/ENVIRONMENTAL	SURVEY/SUE
William Black, PE[3]	Gary Emmel, PE[2]	Kristina LaCava, PE[4]	Jeffrey Trommer, P.G.[5]	Kyle McClung, PSM[6]

Robert E. (Bob) Bruner, PE, DBIA, ENV SP

DESIGN-BUILD PROJECT MANAGER

Employer: Archer Western Construction, LLC | *Years of Experience:* 29 | *Years with Firm:* 2

PROPOSED PROJECT ROLE

Bob will partner with Hernando County to plan and identify options/solutions for this project to meet the County's specific objectives. He has senior level decision making capabilities, and the authority to allocate project resources and negotiate subcontracts. Strengthened by his background as a strong client advocate and DBIA-certified design-build team leader, Bob will challenge the project team to establish an environment of trust and open communication to benefit the project and exceed your expectations.

Bob is responsible for ensuring that the entire team understands the project goals, and the standards of operations (project delivery, safety, quality, documentation and other elements.) He will oversee the entire D-B Team and work to integrate the work of the Wade Trim design team, Archer Western preconstruction and construction professionals, and our subcontractor and supplier teaming partners. He will provide leadership to the D-B Team and project stakeholders, coordinating meetings with Hernando County staff and ensuring the D-B Team keeps the County apprised of project progress. He will be instrumental to driving the planning phase of the project, capturing and communicating the County's objectives to the D-B Team.

EDUCATIONAL BACKGROUND

B.S., Construction Engineering/Management, Purdue University

PROFESSIONAL LICENSES/CERTIFICATIONS

Registered Professional Engineer
DBIA-certified Professional
Envision™ Sustainability Professional

PERCENT OF TIME COMMITTED TO PROJECT: 75%

HOW WILL BENEFIT THIS PROJECT

Solutions provider and collaborative delivery expertise with history of successfully delivering more than 100 design-build/collaborative delivery projects

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

Lift Station 87 Wet Weather Flow Transfer, City of St. Petersburg | St. Petersburg, FL
Project Director for this $11 million **progressive design-build** project to balance wet weather flow between the southwest and northwest facilities during wet weather events. The scope includes a new lift station, three miles of 16" force main, and modifications to an existing lift station to connect the new force main. **Archer Western is teamed with Wade Trim to deliver this contract** that is projected to be complete in early 2022.

Groundwater Plant Program, Indiana American Water | West Lafayette, IN
Operations Manager and "client champion" for Indiana American Water, which had an urgent need to construct multiple potable drinking water plants for the growing communities they served. INAWC issued an RFP for **progressive design-build** services to construct two groundwater plants in West Lafayette, and awarded this project to Bob's team. During the preconstruction phase of this project, INAWC realized a similar urgent need to deliver a groundwater plant in Shelbyville, IN (opposite end of the state) but wanted it to be completed in the same timeframe. INAWC leaned on Bob to react, organize his teams and set the vision to deliver three treatment plants under an aggressive schedule. The three water plants added over 15 MGD of treatment capacity in less than 18 months. **This project was awarded the DBIA National Utility Project of the Year in 2010.**

Tippin WTP High-Service Pump Station, City of Tampa | Tampa, FL
Project Director for early works package that will allow for future construction of new chlorine contact basin, backwash meter system, and additional clear well space. The first tasks included erosion control and initial site grading packages for new temporary sedimentation basins to capture runoff from the site prior to entering the Hillsborough River. Archer Western is completing demolition of the existing 36" CIAC pipeline to allow for early start of the secant wall installation for the new high-service pump station excavation; and relocating a 24" backwash pump system and 36" and 42" DIP lines. Our work includes all excavation and subgrade preparation for the new chlorine contact basin, high-service pump station, and center clear well.

Southwest WRF Capacity Improvements, City of St. Petersburg | St. Petersburg, FL
Project Director for $53 million CMAR WRF rehabilitation project that was delivered collaboratively with an urgent need to improve treatment capacity at the SWWRF from 20 MGD to 40 MGD. The team initially completed fast-track scopes of work which included headworks improvements and by-pass, secondary clarifier improvements, secondary clarifier splitter box expansion, coagulant system, RAS pumps improvements, CCT improvements, disk filters installation, injection well installation and piping, effluent pump improvement, and stormwater improvements. The Late-Track scopes of work included the addition of Secondary Clarifier #4 and RAS/WAS pump station, deep bed media filter improvements, additional chlorine contact tank, two improved electrical buildings, completion of final effluent piping system, additional stormwater improvements and final site work.

Southwest WRF Biosolids Waste to Energy, City of St. Petersburg | St. Petersburg, FL
Project Director for $69 million CMAR project that consisted of demolition of abandoned digesters and existing dewatering infrastructure, upgrades to the existing aeration basins, construction of two primary clarifiers, a complete Temperature-Phased Anaerobic Digestion system, FOG handling system, biogas gas storage tank, biogas upgrade system, gas cooling system, ferric system, a primary clarifier influent splitter and diversion box, upgrades to the existing gravity belt thickeners, a new dewatering building, new electrical building and combined Heat and Power system.

Christopher High, PE, ENV SP

DESIGN MANAGER

Employer: Wade Trim, Inc. | *Years of Experience:* 16 | *Years with Firm:* 1

PROPOSED PROJECT ROLE

As Design Manager, Christopher will coordinate with the Design-Build Project Manager, design team, and other team members to make sure the County's goals and objectives are met. He will interact directly with the County's Project Manager through meetings, conference calls, and emails to maintain continual communication with the County and provide quick response to questions.

Christopher's project leadership experience includes project management, design permitting, and construction management for water, wastewater, and reclaimed water utilities and treatment facilities. He also has experience in designing pipeline projects, such as transmission mains, distribution systems, and collection systems. Christopher is currently working with Design-Build Project Manager Bob Bruner on the successful delivery of a local lift station design-build project.

EDUCATIONAL BACKGROUND

B.S., Civil Engineering,
University of South Florida

PROFESSIONAL LICENSES/CERTIFICATIONS

Professional Engineer, FL 84144

Envision™ Sustainability Professional

PERCENT OF TIME COMMITTED TO PROJECT: 75%

HOW WILL BENEFIT THIS PROJECT

Open communication, collaborative approach, and alternative delivery experience, along with experience working with Archer Western on a design-build project

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

Lift Station 87 Wet Weather Flow Transfer, City of St. Petersburg | St. Petersburg, FL
Design Project Manager for this **progressive design-build** project in response to an FDEP consent order for the construction and operation of a lift station and force main to balance wet weather flow between the Southwest and Northwest facilities during wet weather events. Pre-construction services include an expedited schedule, utility coordination, value engineering, constructability analysis, permitting, and assisting the design-builder with developing a guaranteed maximum price for a new 3.5-MGD lift station, gravity sewer replacement and approximately 2 miles of 16-inch force main installed via open-cut, jack-and-bore and horizontal directional drill (HDD) construction methods. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

Cosme WTP Operational & SCADA Improvements | City of St. Petersburg, FL
Design Project Manager for this **progressive design-build** project. Cosme WTP is a 68-million gallons per day (MGD) conventional lime softening treatment plant that needs upgrades to most components including pumping, header valve replacement, chemical storage and feed systems, building hardening, site connectivity and security upgrades, electrical upgrades from medium voltage, and upgrades to plant instrumentation and SCADA to increase efficiency through automation to decrease maintenance costs.

North Booster Pump Station | Pinellas County, FL
Project Engineer responsible for preliminary engineering, design, permitting, and construction services for pump station modifications. To correct water quality issues caused by conflicting north-south flows, the pump station was modified to receive water from all area transmission mains and then pump the water to the south only. Services included a complete evaluation of the facility and recommendations for improvements followed by design, permitting, and construction management for pump replacements, major piping (48- and 60-inch) modifications, automated valve assemblies, and electrical and controls improvements. Specific duties included pump station mode evaluation, new motor and variable frequency drive design, design of new storage tank fill valve assemblies, emergency control valve assemblies, flow meter design, preparing plans, specifications, estimate and construction management services for booster pump station upgrades.

Mosaic Water Line | Tampa, FL.
Project Engineer responsible for design and permitting of production wells and approximately 42 miles of raw water main. Project duties included existing well condition assessments, design of new production wells and pipeline design to minimize impacts to wetlands, and preparing plans, specifications, and cost estimate. Design duties also included coordinating with ecological services, survey, subsurface utility engineering and geotechnical subconsultants, public relations assistance, well inspection and testing, performing HDD calculations, and preparing plans, specifications, and estimate for the overall design of the new pipeline. Permitting duties included coordinating with local municipalities, related utilities, and FDEP to permit the new pipeline.

J. D. Gillespie

CONSTRUCTION MANAGER

Employer: Archer Western Construction, LLC | *Years of Experience:* 11 | *Years with Firm:* 10

PROPOSED PROJECT ROLE

As Construction Manager, J.D. will be Hernando County's primary point of contact for the construction phase of the project. He will work closely with County and facility operational staff, as well as the Wade Trim design engineers to ensure that project goals are realized. J.D. will work with facility operators and construction team leaders to ensure that the Lockhart plant remains functional, and construction tasks are conducted without disrupting normal plant operations.

J.D. is responsible for all aspects of project execution, starting at the kick-off meeting to final acceptance. This includes working with Safety and Quality Managers to ensure that protocols are implemented, and safety and quality goals are met. He will participate in project meetings with the County and other stakeholders, as well as D-B Team operational meetings. He will communicate directly with the County through meetings, calls, and reports to update the County on project progress throughout the construction phase.

EDUCATIONAL BACKGROUND

B.S., Civil Engineering, University of South Florida

PROFESSIONAL LICENSES/CERTIFICATIONS

OSHA 30-Hour | First Aid/CPR/AED | Work Planning | Scheduling | Cost Management | Cost, Quantity and Revenue Forecasting | Confined Space | Crane Safety | Material Handling | Fall Protection | Lock-Out/Tag-Out | Heavy Equipment | PPE/Fire Prevention

PERCENT OF TIME COMMITTED TO PROJECT: 100%

HOW WILL BENEFIT THIS PROJECT

Cohesiveness of working with Wade Trim on recent design-build project will allow our Team to fully leverage the benefits of the design-build method

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

James E. Quarles Water Treatment Plant 1 Replacement, Cobb County-Marietta Water Authority | Marietta, GA
Project Manager for $70 million project to replace the existing James E. Quarles Plant 1 with a new conventional treatment plant with an initial capacity of 33 MGD. The project required maintaining operations in a portion of the existing plant by phasing demolition work, and included three new high-service pumps.

Lift Station 87 Wet Weather Flow Transfer, City of St. Petersburg | St. Petersburg, FL
Project Manager for this $11 million **progressive design-build** project to balance wet weather flow between the southwest and northwest facilities during wet weather events. The scope includes a new lift station, three miles of 16" force main, and modifications to an existing lift station to connect the new force main. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

Big Creek WRF Expansion, Phases 2A and 2B, Fulton County | Roswell, GA
Project Manager for two phases of this $312 million, multi-phase project to expand and upgrade an existing 24 MGD water reclamation facility to 32 MGD capacity with the potential for future expansions up to 38 MGD. A **progressive design-build** collaboration of Archer Western and Brown and Caldwell, this project offers long-term, sustainable solutions by providing significantly cleaner water while resolving light, noise and odor challenges of the existing facility.

L-8 Reservoir Pump Station/Inflow Structure, SFWMD | Loxahatchee, FL
Project Engineer for $68 million **design-build** improvements project to help the District manage stormwater runoff for improved restoration of natural systems, water quality efforts and water supply. Includes nflow conveyance facilities from the L-8 Canal to the L-8 Reservoir, modifications to the l-8 Reservoir, and an L-8 Pump Station to pump water from the L-8 Reservoir to the L-8 Canal.

Miller Pump Station/Picayune Strand Restoration, USACE Jacksonville | Naples, FL
Project Engineer for $79 million **design-build** that was part of the Picayune Strand Restoration Project. Required removal of a subdivision's infrastructure, and restoration of its pre-drainage hydrology and ecology to generate positive effects on the hydrology, vegetation, and wildlife of the project area and surrounding public lands. Included construction of the 1,250 cfs pumps station, tie-back levee, spreader berm and weirs; backfilling of an existing drainage canal; and excavation of a new drainage canal. **This project won ENR Regional Best Project of the Year.**

Tippin WTP High-Service Pump Station, City of Tampa | Tampa, FL
Project Manager for early works package that will allow for future construction of new chlorine contact basin, backwash meter system, and additional clear well space. The first tasks included erosion control and initial site grading packages for new temporary sedimentation basins to capture runoff from the site prior to entering the Hillsborough River. Archer Western is completing demolition of the existing 36" CIAC pipeline to allow for early start of the secant wall installation for the new high-service pump station excavation; and relocating a 24" backwash pump system and 36" and 42" DIP lines. Our work includes all excavation and subgrade preparation for the new chlorine contact basin, high-service pump station, and center clear well.

I-4 Lee Roy Selmon Expressway Connector, FDOT | Tampa, FL
This build-finance project was a $420M bridge and road project for FDOT in Hillsborough County. Although the Connector is less than one mile in length, the elevated roadway consisting of 35 bridge structures connecting I-4 to the Lee Roy Selmon Expressway has nearly 17 lane-miles of the total project's 39 lane-miles.

Jeff Lowe, PE

LEAD DESIGN ENGINEER

Employer: Wade Trim, Inc. | *Years of Experience:* 36 | *Years with Firm:* 5

PROPOSED PROJECT ROLE

As the Lead Design Engineer, Jeff will lead the design of the high-service pump station, storage tanks, pipeline and associated SCADA, electrical, and permitting.

Jeff uses his strong technical knowledge and delivers creative solutions for water treatment plant challenges. He is well known in the industry for providing cost-saving solutions that maximize his clients' infrastructure investment. Jeff is a lifelong Tampa Bay Area engineer who has worked with most of the area's municipalities and understands the unique challenges that face this region. This experience will provide Hernando County with the best solution for this project.

Jeff has progressive utility engineering experience specializing in water, wastewater, sanitary sewer, reclaimed water, and biosolids. He has been involved with more than 150 treatment facility projects. Jeff is part of the Archer Western/Wade Trim Design-Build Team currently delivering a local lift station design-build project.

EDUCATIONAL BACKGROUND

B.S., Civil Engineering,
University of South Florida

PROFESSIONAL LICENSES/CERTIFICATIONS

Professional Engineer, FL 52017

PERCENT OF TIME COMMITTED TO PROJECT: 75%

HOW WILL BENEFIT THIS PROJECT

Assurance of quality designs and efficient design process based on experience leading more than $100M of design-build and more than 150 treatment plant projects

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

Lift Station 87 Wet Weather Flow Transfer | City of St. Petersburg, FL
Technical Advisor for this $11 million **progressive design-build** project to balance wet weather flow between the Southwest and Northwest facilities during wet weather events. Jeff oversaw the redesign of the microtunnel to a deeper elevation to achieve sufficient cover and with alternative materials to accommodate the soil conditions. He also oversaw the pump station reconfiguration, which was done to meet storm conditions and provide improved aesthetics at the City's request. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

Cosme WTP Operational & SCADA Improvements | City of St. Petersburg, FL

Technical Advisor for this **progressive design-build** project. Cosme WTP is a 68-million gallons per day (MGD) conventional lime softening treatment plant that needs upgrades to most components including pumping, header valve replacement, chemical storage and feed systems, building hardening, site connectivity and security upgrades, electrical upgrades from medium voltage, and upgrades to plant instrumentation and SCADA to increase efficiency through automation to decrease maintenance costs.

Cosme Water Treatment Plant Header Valve Replacement | City of St. Petersburg, FL
Project Manager/Technical Advisor/QC Reviewer on this header valve replacement project. The WTP header valves were reaching the end of their useful life and parts were getting more difficult to obtain. The City elected to proactively replace the valves to reduce maintenance concerns and improve dependability and control. The project included replacement of the existing gate, butterfly, ball and cone valves, and inspection of the clearwell structural components and coating systems. A key part of the project was to maintain plant operation during construction.

Big Cypress WTP Chemical Improvements, Seminole Tribe of Florida | Big Cypress Reservation, FL
Technical Advisor/QC for project that included design of necessary upgrades to remove total sulfide with new degasifiers and to improve pre and post RO chemical systems. Scope of work included Installation of new degasifiers, odor scrubbers, clearwell, and transfer pumps; new chemical systems provided to condition the water upstream and downstream of the RO and degasifiers systems.

Big Cypress WTP, Seminole Tribe of Florida (STOF) | Big Cypress Reservation, FL
Technical Advisor/QA Reviewer on this low-pressure reverse osmosis (RO) plant with a design capacity of 0.8 MGD. The project provided the necessary upgrades to remove total sulfide with new degasifiers and improve related pre- and post-chemical systems. In addition, the project involved design and construction to replace the existing 400 kW diesel generator.

North Port Water Treatment Plant (WTP) | City of North Port, FL
Technical Advisor/QC Reviewer for this project that included the addition of six new production wells, a new surface water intake on the Cocoplum Waterway, and a new 3-MGD RO system with pretreatment to remove sulfate and dissolved minerals and organics. Flow from the exiting surface water plant and RO facility is blended seasonally to improve water quality and taste at the lowest possible cost to the City.

Water Treatment Plant No. 1 Filter Improvements | City of Clearwater, FL
Project Manager/Technical Advisor/QC Reviewer. The City was experiencing high arsenic levels in its effluent water quality. Conducted a study to evaluate the arsenic type and determined that the form of arsenic found could be modified to meet regulatory requirements through chemical addition of bleach prior to filtration.

Travis Parsons, PE

LEAD PROCESS ENGINEER

Employer: Wade Trim, Inc. | *Years of Experience:* 16 | *Years with Firm:* 4

PROPOSED PROJECT ROLE

Travis will be responsible for designing the project's new sodium hypochlorite injection system, and any other process system improvements required by the County for this contract. As Lead Process Engineer, Travis will focus on treatment process and pumping design.

Travis is experienced in the design, construction, testing, and operation of pipeline systems. He has a broad range of knowledge of treatment plants and a strong understanding of full project delivery.

EDUCATIONAL BACKGROUND

B.S., Civil Engineering,
WVU Institute of Technology

PROFESSIONAL LICENSES/CERTIFICATIONS

Professional Engineer, Florida 83473

Envision™ Sustainability Professional

PERCENT OF TIME COMMITTED TO PROJECT: 75%

HOW WILL BENEFIT THIS PROJECT

Strong background in treatment systems design provides assurance of designs that are practical, and that prioritize ease of operation and plant staff safety

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

Lift Station 87 Wet Weather Flow Transfer | City of St. Petersburg, FL
Process Engineer for this $11M **progressive design-build** project in response to an FDEP consent order for the construction and operation of a lift station and force main to balance wet weather flow between the Southwest and Northwest facilities during wet weather events. Pre-construction services include an expedited schedule, utility coordination, value engineering, constructability analysis, permitting, and assisting the design-builder with developing a guaranteed maximum price for a new 3.5-MGD lift station, gravity sewer replacement and approximately 2 miles of 16-inch force main installed via open-cut, jack-and-bore and horizontal directional drill (HDD) construction methods. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

Cosme WTP Operational & SCADA Improvements | City of St. Petersburg, FL

Process engineer for this **progressive design-build project**. Cosme WTP is a 68-million gallons per day (MGD) conventional lime softening treatment plant that needs upgrades to most components including pumping, header valve replacement, chemical storage and feed systems, building hardening, site connectivity and security upgrades, electrical upgrades from medium voltage, and upgrades to plant instrumentation and SCADA to increase efficiency through automation to decrease maintenance costs.

Carlisle Water Treatment System | Confidential Client, IN
As principal engineer, Travis completed a water management review and reclamation/treatment system design to reduce and optimize chemical consumption, resulting in nearly 50% reduction in chemical cost. Project responsibilities included bench scale testing data analysis, design of cover for waste disposal area to reduce infiltration and water contamination, water treatment system process design, pipeline sizing calculations, specifications, and drawings to re-use existing infrastructure.

Central District Wastewater Treatment Plant (CDWWTP) Oxygen Production Facility, Miami-Dade Water and Sewer District (WASD) | Key Biscayne, FL
Miami-Dade County's Water and Sewer Department (WASD) initiated a program to improve its treatment quality, reduce effluent disposal to surface water, and improve plant reliability. Process Engineer for this project that is part of an overall program to address these goals. The existing cryogenic oxygen production system at the CDWWTP was beyond its useful life and the technology had become antiquated and inefficient. To reduce energy consumption and improve reliability, WASD elected to install a new vacuum pressure swing adsorption (VPSA) oxygen production system. The system will be comprised of two 90-tons per day (TPD) contained oxygen trains to provide full redundancy and reliability for this 143-million gallon per day (MGD) plant.

Big Cypress WTP, Seminole Tribe of Florida | Big Cypress Reservation, FL
Process Engineer on this low-pressure reverse osmosis (RO) plant with a design capacity of 0.8 MGD. The project provided the necessary upgrades to remove total sulfide with new degasifiers and improve related pre- and post-chemical systems. In addition, the project involved design and construction to replace the existing 400 kW diesel generator.

Keff Kurella, PE, CDT

LEAD ELECTRICAL ENGINEER

Mead&Hunt

Employer: Mead & Hunt, LLC | *Years of Experience:* 24 | *Years with Firm:* 3

PROPOSED PROJECT ROLE

Keff is a registered professional electrical engineer experienced in the design, specification, and construction of electrical, instrumentation and controls systems. His responsibilities for this project will include design engineering, cost estimation, preparation of construction documents and construction administration related to electrical systems.

Keff's design experience includes power distribution (low and medium voltage), power generation, lighting, control systems SCADA, PLC, and distributed control systems (DCS), hazardous area classification, fire alarm, lightning protection, grounding, communications, and instrumentation. Other capabilities include performing power system analyses such as short circuit, coordination, and arc flash hazard.

EDUCATIONAL BACKGROUND

B.S., Chemical Engineering,
University of Florida

PROFESSIONAL LICENSES/CERTIFICATIONS

Registered Professional Engineer, Florida

Construction Document Technologist (CDT)

PERCENT OF TIME COMMITTED TO PROJECT: 75%

HOW WILL BENEFIT THIS PROJECT

Will ask the right questions and deliver solutions that are code-compliant, cost-effective, and align with the County's objectives

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

WWTP, Hernando County Airport |Hernando County, FL
Engineer-of-Record for design electrical and I&C upgrades to an existing WWTP. Process operations included a new headworks, oxidation ditch, clarifiers, sludge holding, chlorine contact basin, sand filters, RIB effluent disposal, reclaimed water storage and high service pump station. Electrical design included a new power distribution system, parallel generator design and lighting replacement. I&C upgrades included in field instruments, SCADA control panels and integration with vendor provided controls. Keff also performed construction administration duties.

Water Treatment Plant (WTP) Electrodialysis Reversal (EDR) Upgrade and Expansion, Sarasota County | Sarasota, Florida
Engineer-of-Record for design of power distribution and controls upgrades to renovate an existing electrodialysis reversal desalination (EDR) system at a WTP. This included coordination of new switchgear, power feeds to the new EDR skids, construction phase planning and controls integration planning with new and existing systems.

South County WWTP Hillsborough County | Valrico, FL
Electrical Engineer on the team responsible for providing detailed design and construction administration services for this wastewater treatment plant expansion from 4.5 to 10 MGD capacity.

Valrico AWTP Equalization Basin and Reject Pump Station Improvements Hillsborough County | Riverview, FL
Electrical and Controls Engineer responsible for power distribution upgrades necessary for all new pumping equipment, as well as the additional field instrument and control systems design. Hillsborough County selected Mead & Hunt to provide preliminary engineering, detailed design, permitting, bidding assistance, construction administration, resident project representation, training, start-up, and close-out assistance services for the addition of a 2 MG equalization basin and a dedicated headworks lift station, as well as improvements to the facility's reject pump station.

Richland Creek WTP, Paulding County* | Hiram, GA
Engineer-of-Record responsible for the design of the power distribution, instrumentation, controls, security, and fire alarm system at a greenfield water treatment plant. This CMAR project included a river intake with medium voltage motors, reservoir dam/intake and a treatment plant with medium voltage distribution. Initial capacity was slated to be 18 MGD with a future capacity of 54 MGD. **prior work experience*

Reclaimed Water GST & Pump Station, City of DeLand | Deland, FL
Engineer-of-Record for design of the power distribution, instrumentation, and controls for a new 2 MG ground storage tank and pump station.

Alan Schwab, PE

LEAD INSTRUMENTATION & CONTROLS ENGINEER

Employer: Wade Trim, Inc. | *Years of Experience:* 28 | *Years with Firm:* 21

PROPOSED PROJECT ROLE

As the Lead Instrumentation & Controls Engineer, Alan will perform all associated electrical load and voltage drop calculations, as well as sizing wiring, conduit, and over-current protection devices.

Alan is an electrical engineer who provides design services for facility power distribution, lighting, and electrical controls. He manages field instrumentation and start-up and provides debugging assistance of electrical control systems. Alan's experience includes design of power distribution, back-up power systems, facility lighting, motor control circuits, instrumentation, SCADA and telemetry systems, and custom control panel design. He is part of the Archer Western/Wade Trim Design-Build Team currently delivering a local lift station design-build project.

EDUCATIONAL BACKGROUND

BS, Electrical Engineering,
Lawrence Technological University

PROFESSIONAL LICENSES/CERTIFICATIONS

Professional Engineer: FL, No. 61313

PERCENT OF TIME COMMITTED TO PROJECT: 75%

HOW WILL BENEFIT THIS PROJECT

Expert design and commissioning services for the Lockhart plant's PLCs and process instrumentation

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

Lift Station 87 Wet Weather Flow Transfer | City of St. Petersburg, FL
Electrical Engineer for this $11 million **progressive design-build** project to balance wet weather flow between the Southwest and Northwest facilities during wet weather events. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

Cosme WTP Operational & SCADA Improvements | City of St. Petersburg, FL
Electrical Engineer for this **progressive design-build** project. Cosme WTP is a 68-million gallons per day (MGD) conventional lime softening treatment plant that needs upgrades to most components including pumping, header valve replacement, chemical storage and feed systems, building hardening, site connectivity and security upgrades, electrical upgrades from medium voltage, and upgrades to plant instrumentation and SCADA to increase efficiency through automation to decrease maintenance costs.

Northwest Water Reclamation Facility (NWWRF) Reject Water Storage Tanks | City of St. Petersburg, FL
Technical Advisor on this reject water storage tank design project at a 20-million gallons per day (MGD) AADF activated sludge facility. Overall project scope included evaluating the existing reject storage facility, siting, alternatives analysis, and design of two new 7.5-million gallon (MG) storage tanks to use for treatment plant effluent. The two new tanks are prestressed domed concrete tanks with an interconnecting pipe network to return off specification water to pretreatment, filtration, and disinfection.

Mitchell WTP Expansion, Florida Governmental Utility Authority | New Port Richey, FL
Electrical engineer for the plant improvement and expansion project to treat raw water from all the system wells prior to distribution because of poor water quality at supply wells throughout the system. Design featured a forced-draft aeration system to remove hydrogen sulfide and pressure filtration that removes color and turbidity-producing particulates. Additional improvements included switching from free chlorine to chloramination for water disinfection, providing chemicals for pH adjustment, adding a two-stage chemical scrubber for odor control, and a new back-up emergency power generator. Alan was responsible for replacement of the entire electrical system, including feeder, installation of a 400 kW generator and transfer switch, and detailed sequence of construction.

Big Cypress WTP Chemical Improvements, Seminole Tribe of Florida | Big Cypress Reservation, FL
As Electrical and I&C Engineer for this project, Alan created drawings and specifications for the new chemical storage and feed pump area, including new buildings for electrical and analyzer equipment. He also created drawings for conduit and wire sizing, panel schedules, one-line diagrams, riser diagrams, process and instrumentation diagrams, and equipment plan layouts.

Mitchell Road WTP Upgrade, Florida Government Utility Authority | NPR, FL
Electrical Engineer for project to convert this water treatment plant into a centralized treatment facility to resolve previous poor water quality issues. The solution includes forced draft aeration with dual stage chemical odor control to remove hydrogen sulfide, and pressure filters to remove iron, organics, and particulate matter. Other improvements included switching from free chlorine to chloramination for water disinfection, providing chemicals for pH adjustment, seven miles of new water main, and adding a back up emergency power generator.

Joe Poulos

LEAD CONSTRUCTION SUPERINTENDENT

Employer: Archer Western Construction, LLC | *Years of Experience:* 22 | *Years with Firm:* 1

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

PROPOSED PROJECT ROLE

As Superintendent, Joe will be responsible for the completion of all phases of the project. He is the main point of contact for the County's facility operations personnel. His duties include the review of plans, scheduling of work, tracking of job costs, managing daily field operations and coordinating with the County's engineers. He will be responsible for onsite safety management, subcontractor coordination and the supervision of all construction work.

Joe understands all aspects of water treatment plant construction. This includes structural concrete, underground utilities, road work, instrumentation and controls, mechanical piping, metals fabrication and equipment. He brings proven experience in directing, guiding, and mentoring foremen and crews.

EDUCATIONAL BACKGROUND

B.S., Civil Engineering, University

PROFESSIONAL LICENSES/CERTIFICATIONS

OSHA 30-Hour | First Aid/CPR/AED

Field Safety Training | HDPE Certified

FDEP Stormwater Certification

NAC Crane Certified

Competent Person: Crane Safety & Rigging, Fall Protection, Confined Space, Fire Protection, Lock-out/Tag-out, Equipment Operator

PERCENT OF TIME COMMITTED TO PROJECT: 100%

HOW WILL BENEFIT THIS PROJECT

Successful construction phase led by seasoned Superintendent with 22 years of experience, much of which has been treatment facility expansion projects

Tippin WTP High-Service Pump Station, City of Tampa | Tampa, FL
Superintendent for early works package that will allow for future construction of new chlorine contact basin, backwash meter system, and additional clear well space. The first tasks included erosion control and initial site grading packages for new temporary sedimentation basins to capture runoff from the site prior to entering the Hillsborough River. Archer Western is completing demolition of the existing 36" CIAC pipeline to allow for early start of the secant wall installation for the new high-service pump station excavation; and relocating a 24" backwash pump system and 36" and 42" DIP lines. Our work includes all excavation and subgrade preparation for the new chlorine contact basin, high-service pump station, and center clear well.

Shady Hills WWTP Improvements, Pasco County | Spring Hill, FL
Project Superintendent for project that involved various improvements to the facility. This included replacement of headworks' existing screenings belt press with a new screw conveyor, addition of a washer/compactor, addition of new boosted wash water pumps, replacement of the existing odor control system with a new chemical scrubber, repairs to one existing slide gate, and addition of two new slide gates. At the anoxic and aeration basins, it included replacement of eight anoxic mixers, installation of twelve new motorized valve operators, replacement of all DO and ORP sensors & transmitters; installation of 14 new slide gates at the anoxic and mixed liquor splitter boxes; and construction of chemical storage areas and other structures. For the grease and septage facility, the scope entailed replacing two clarifier drive units and grout slope floor toppings; replacing four 20,000 gal FRP storage tanks and associated piping, and the hot water system; installation of a new trench drain system, replacement of the existing ventilation system, and replacement of one grease drum. Also replaced five existing 30" underground BFVs with new RWGVs at the High-Service Pump Station.

Krause Pump Station, City of Tampa | Tampa, FL
Project Superintendent for furnishing of all labor, equipment, and material to remove existing pumps, motors and concrete pedestals from pump number 1 (constant speed 300 hp motor), numbers 2 and 4 (variable speed 105 hp motors), and number 3 (constant speed 400hp motor.) Project involved four 24" discharge valves, piping, pump controls, and existing 4160V electrical equipment; and included installation of four 400hp pumps and immersible motors, discharge and suction valves, piping, concrete pedestal supports, air compressors; four 480V variable frequency drives, pump controls, annunciator panel, motor control center, electrical switchgear, concrete duct bank system, conduits, wiring, and other electrical equipment needed to convert the pump station from 160V service to 480V service, and a new ventilation system. The scope required furnishing all labor, materials, and equipment, to install a new 36" flow meter outside the station, and temporary bypass pumping.

Master Lift Station Improvements for N1B, Manatee County | Bradenton, FL
Project Superintendent for complete rehab of a master lift station that had a capacity of 200,000 gpd and went to 350,000 gpd. The work consisted of completely bypassing the station, removal of all existing equipment and replaced with new. The station had six 150hp pumps, new VFDs, new generator, new three-ton hoist and all the associated piping.

Steve Thomas, CSP, CHST

SAFETY OFFICER

Employer: Archer Western Construction, LLC | *Years of Experience:* 22 | *Years with Firm:* 12

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

PROPOSED PROJECT ROLE

Steve presents over 22 years of experience and a stellar record in delivering safe projects and protecting the welfare of everyone who comes in contact with his project sites. As Safety Officer, he will initiate and monitor the project-specific Safety Plan for assurance of compliance among all team members and stakeholders. He will be an integral part of the project team from Day One, participating in every phase of the project. This includes implementing the heightened safety protocols demanded by the 2020 COVID-19 epidemic. He will educate all project team members as well as site visitors on the necesssary steps to protecting their health, and promoting safe working conditions. Steve has managed safety for some of the largest and most complex infrastructure projects in Florida.

EDUCATIONAL BACKGROUND

B.S., Occupational Safety and Health,
Murray State University

PROFESSIONAL LICENSES/CERTIFICATIONS

Certifed Safety Professional (CSP)
Construction Health & Safety Technician (CHST)
OSHA 500 Safety Training and OSHA 500 Authorized Construction Outreach Trainer
ATSSA Certifed Traffc Control Supervisor
MSHA Qualifed Instructor, Surface & Underground
ASSP, Professional Member

PERCENT OF TIME COMMITTED TO PROJECT: 40%

HOW WILL BENEFIT THIS PROJECT

Safe worksite
Safe plant operations
Safe team members
Safe, compliant project

Lift Station 87 Wet Weather Flow Transfer, City of St. Petersburg | St. Petersburg, FL
Project Manager for this $11 million **progressive design-build** project to balance wet weather flow between the southwest and northwest facilities during wet weather events. The scope includes a new lift station, three miles of 16" force main, and modifications to an existing lift station to connect the new force main. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

L-8 Reservoir Pump Station/Inflow Structure, SFWMD | Loxahatchee, FL
Safety Officer for $68 million **design-build** improvements project to help the District manage stormwater runoff for improved restoration of natural systems, water quality efforts and water supply. The project includes design and construction of inflow conveyance facilities from the L-8 Canal to the L-8 Reservoir, modifications to the l-8 Reservoir, and an L-8 Pump Station to pump water from the L-8 Reservoir to the L-8 Canal.

Tippin WTP High-Service Pump Station, City of Tampa | Tampa, FL
Safety Officer for early works package that will allow for future construction of new chlorine contact basin, backwash meter system, and additional clear well space. The first tasks included erosion control and initial site grading packages for new temporary sedimentation basins to capture runoff from the site prior to entering the Hillsborough River. Archer Western is completing demolition of the existing 36" CIAC pipeline to allow for early start of the secant wall installation for the new high-service pump station excavation; and relocating a 24" backwash pump system and 36" and 42" DIP lines. Our work includes all excavation and subgrade preparation for the new chlorine contact basin, high-service pump station, and center clear well.

Pinellas Gateway Expressway Early Utility Package, FDOT | Clearwater, FL
Senior Safety Manager for $545 million **design-build** project consisting of adding express lanes along 118th Avenue between I-275 and US-19 (East-West segment) and along 118th Avenue to 49th Street (North-South segment). The East-West segment lanes will be a combination of elevated structures (1.5 miles long) and at-grade or on MSE walls (approximately 3 miles long). Various other bridges and flyovers at US-19, I-275 and 49th Street are also being constructed. The Gateway Expressway JV project is the largest project ever constructed in FDOT District 7.

All Aboard Florida–Miami to West Palm Beach, AAF Operations | Miami, FL
Safety Manager for $205 million **design-build** rail infrastructure improvement project that entailed upgrades to provide rail transit services from Miami to West Palm Beach. This includes the Brightline portion of the overall All Aboard Florida program.

Tippin WTP High-Service Pump Station, City of Tampa | Tampa, FL
Senior Safety Manager for project awarded to Archer Western via Jacobs/CH2MH Engineers. This early works package allowed for future construction of the new chlorine contact basin, backwash meter system, and additional clear well space. The first tasks included erosion control and initial site grading packages for new temporary sedimentation basins to capture runoff from the site prior to entering the Hillsborough River. Our team demolished the existing 36" CIAC pipeline to allow for early start of the secant wall installation for the new high-service pump station excavation; and relocated a 24" backwash pump system and 36" and 42" DIP lines. Our work includes all excavation and subgrade preparation for the new chlorine contact basin, high-service pump station, and center clear well.

Steve Cornett

PROJECT LEAD ESTIMATOR

Employer: Archer Western Construction, LLC | *Years of Experience:* 26 | *Years with Firm:* 12

EXPERIENCE RELEVANT TO PROPOSED ROLE ON PROJECT

PROPOSED PROJECT ROLE

Steve's decades of experience in estimating large and complex infrastructure projects will be invaluable to his role of Lead Estimator for the Lockhart WTP Expansion Project. He will offer strategies for the project during the preconstruction phase; and lead cost modeling, cost estimate development, constructability reviews, soliciation of local and regional subcontractors and suppliers, and other project efforts. He will ensure that preconstruction phase goals are achieved, and there is a seamless integration of tasks from the preconstruction to the construction phase of the project.

EDUCATIONAL BACKGROUND

B.S., Civil Engineering, Georgia Institute of Technology

PROFESSIONAL LICENSES/CERTIFICATIONS

Work Planning
Ethics and Work Practices
Forecasting
Safety/Confined Space
CPR/First Aid/AED/Pathogens

PERCENT OF TIME COMMITTED TO PROJECT: 40%

HOW WILL BENEFIT THIS PROJECT

Productive preconstruction phase that supports project success, and identification of cost-saving options for project based on 26 years of estimating more than $1B of similar project work

Lift Station 87 Wet Weather Flow Transfer, City of St. Petersburg | St. Petersburg, FL
Lead Estimator for this $11 million **progressive design-build** project to balance wet weather flow between the southwest and northwest facilities during wet weather events. The scope includes a new lift station, three miles of 16" force main, and modifications to an existing lift station to connect the new force main. **Archer Western is teamed with Wade Trim and Mead & Hunt to deliver this contract** that is projected to be complete in early 2022.

L-8 Reservoir Pump Station/Inflow Structure, SFWMD | Loxahatchee, FL
Lead Estimator for $68 million **design-build** improvements project to help the District manage stormwater runoff for improved restoration of natural systems, water quality efforts and water supply. The project includes design and construction of inflow conveyance facilities from the L-8 Canal to the L-8 Reservoir, modifications to the l-8 Reservoir, and an L-8 Pump Station to pump water from the L-8 Reservoir to the L-8 Canal.

Miller Pump Station/Picayune Strand Restoration, USACE Jacksonville | Naples, FL
Lead Estimator for $79 million **design-build** that was part of the Picayune Strand Restoration Project. Required removal of a subdivision's infrastructure, and restoration of its pre-drainage hydrology and ecology to generate positive effects on the hydrology, vegetation, and wildlife of the project area and surrounding public lands. Included construction of the 1,250 cfs pumps station, tie-back levee, spreader berm and weirs; backfilling of an existing drainage canal; and excavation of a new drainage canal. **This project won ENR Regional Best Project of the Year.**

James E. Quarles Water Treatment Plant 1 Replacement, CCMWAy | Marietta, GA
Lead Estimator for $70 million project to replace the existing James E. Quarles Plant 1 with a new conventional treatment plant with an initial capacity of 33 MGD. The project required maintaining operations in a portion of the existing plant by phasing demolition work, and included three new high-service pumps. The project required installation of $4.7 million of pre-selected and pre-purchased equipment. Installation of the pre-selected filter equipment presented a challenge because the vendor's work schedule did not align with the project schedule. Our team resolved this by working closely with the vendor to condense initial projected durations and match the construction schedule.

Big Creek WRF Expansion, Multiple Phases, Fulton County | Roswell, GA
Lead Estimator for two phases of this $312 million, multi-phase project to expand and upgrade an existing 24 MGD water reclamation facility to 32 MGD capacity with the potential for future expansions up to 38 MGD. A **progressive design-build** collaboration of Archer Western and Brown and Caldwell, this project offers long-term, sustainable solutions by providing significantly cleaner water while resolving light, noise and odor challenges of the existing facility.

Tippin WTP High-Service Pump Station, City of Tampa | Tampa, FL
Senior Safety Manager for project awarded to Archer Western via Jacobs/CH2MH Engineers. This early works package allowed for future construction of the new chlorine contact basin, backwash meter system, and additional clear well space. The first tasks included erosion control and initial site grading packages for new temporary sedimentation basins to capture runoff from the site prior to entering the Hillsborough River. Our work includes all excavation and subgrade preparation for the new chlorine contact basin, high-service pump station, and center clear well.

STRUCTURE OF THE ARCHER WESTERN/ WADE TRIM DESIGN-BUILD TEAM

Hernando County requires a best-in-class design-build team that understands the importance of effective scheduling, planning, and maintenance of plant operations necessary to deliver a successful Lockhart Water Treatment Plant Expansion Project.

We are that design-build team.

Prime | Archer Western Construction, LLC

A Walsh Group subsidiary, Archer Western is an industry leader in water treatment plant construction with a commitment to collaborative delivery methods. **As one of the largest water infrastructure builders in the U.S., we offer the strength of both local and national experience gained through the delivery of more than 300 treatment facility projects totaling more than $20 billion.** Archer Western has a robust operation and over 350 craftspeople employed in the Tampa Bay region. *See Exhibit 2 for details on our Design-Build Team companies' shared experience.*

Engineer | Wade Trim, Inc.

Since opening its Tampa office in 1984, Wade Trim has assisted Florida-based clients in developing design-build solutions statewide. Wade Trim has also worked on many pump station and pipeline projects throughout Florida, many of which were delivered via design-build. **The firm's recent design-build experience includes Lift Station 87 for St. Petersburg, which is being completed with Archer Western, and the Central District WWTP design-build for Miami-Dade County.** Wade Trim has a solid working relationship with the muncipalities/utility providers in this region.

Exhibit 2: Design-Build Team At-a-Glance

Archer Western+Wade Trim

356
Design-Build Projects
(combined total)

$536 M
of project work completed together

Archer Western

#1 Water Builder in U.S.*

** Engineering News Record*

Subcontractors

Electrical & Structural Design | Mead & Hunt

For more than 120 years, Mead & Hunt's full-service engineering team has worked to support and transform Florida communities. Mead & Hunt offers professionals who specialize in desinging water treatment facility structures as well as process and electrical systems. Their expertise will be invaluable to ensuring quality designs for this important design-build project.

Geotechnical | AREHNA *[certified MBE/DBE]*

AREHNA Engineering, Inc. (AREHNA) is a Tampa geotechnical engineering and materials testing firm with an experienced staff of engineers, who work closely with clients and project design teams to provide the most cost-effective solutions to the challenges faced on each project. AREHNA has extensive experience with the geology in Hernando County. The firm will provide geotechnical evaluations/consulting, and construction materials testing as determined to benefit the project. AREHNA is AASHTO accredited, USACE validated, and FDOT prequalified; and has a full-service testing laboratory.

Hydrogeo/Water Quality/Environmental | WSP

WSP is a globally recognized professional services firm with a history of serving U.S. municipalities that dates to 1885 when it operated as Parsons Brinkerhoff. WSP's multidisciplinary water/environmental experts understand regional complexities and local subtleties that will serve to identify and mitigate any environmental challenges related to this project. They will deliver practical strategies to study, protect, enhance, and restore the natural environment, while advancing responsible development. **This includes providing solutions for protecting the indigenous gopher tortoise population.**

Survey/SUE | Suncoast Land Surveying

[certified SBE & M/WBE]

Based in Oldsmar, Suncoast Land Surveying, Inc (Suncoast) is one of this region's most respected land surveying firms. For 33 years Suncoast has provided topographic, boundary, as-built control, hydrographic, mean water line, quantity, and special purpose surveys to municipalities along Florida's west coast.

Corporate Structure Questionnaires for all proposed Design-Build team member companies are presented in this section.

In addition to the resumes of our Design-Build Team's Key Personnel, we have provided on the next page introductions to other members of our team listed on the Organizational Chart, and the benefits they provide to this team and the County's project in *Exhibit 3.*

Exhibit 3: Additional Design-Build Team Members

Team Member/Role (Co.)	Relevant Experience	Responsibilities	Benefit to County
Tom Wilson, PE (WT) PLUMBING & PIPE ENGINEER	• 36 years of water pipeline and pumping station design • Specializes in route selection, co-location in power corridors, corrosion protection, rehab & failure analysis	• Designs of pipeline and pumping systems in coordination with all members of the design-build team • Communicate with Hernando County and plant staff	**Sustainable and practical conveyance and pumping system solutions**
Matt Munz, PE, ENV SP (MH) PROCESS DESIGN SUPPORT	• 10 years of process design experience • Design approach to chemical systems that promotes safety and prioritizes ease of operation	• Support process designs in coordination with Lead Process Engineer and the design-build team • Communicate with Hernando County and plant staff	**Assurance of effective and innovative approach to process design**
Cole Samuelson (AW) SCHEDULE & COST CONTROLS	• Responsible for schedule and cost control management for several recent similar projects	• Track, monitor and report construction progress as measured against project schedule and costs	**Effective project controls to meet project goals**
Dallas Evans (AW) VALUE ENGINEERING	• 26 years of water/wastewater estimating and value engineering for complex utility projects • Value engineered more than a dozen similar projects	• Lead value engineering efforts • Coordinate with all members of the design-build team and Hernando County to evaluate cost-saving options	**Identification of cost-saving options for project**
Chad Townsend (AW) QUALITY CONTROL MANAGER	• 15 years of construction quality control • USACE certified for quality management	• Develop project-specific Quality Control Plan (QCP) • Oversee compliance of all team members with QCP	**Fundamental to project QUALITY COUNTS!**
Butch Babler (AW) COMMISSIONING	• 22 years of facility commissioning experience • Have commissioned similar facilities/projects	• Oversee start-up, check-out, quality inspections, and commissioning tasks for the project	**Assurance of effective commissioning process**
William (Bill) Black, PE (MH) LEAD STRUCTURAL ENGINEER	• 25 years of structural and geotechnical engineering for electrical/I&C buildings, prestressed concrete storage tanks, footers and on-grade slabs, canopies, etc.	• Structural designs of foundations for high-service pump station, concrete storage tank, and other structures • Coordinate with all members of the design-build team	**Quality, sustainable structures and compliance with NSF standards**
Gary Emmel, PE (WT) WATER SYSTEM HYDRAULICS	• 38 years of relevant design experience • Former plant operator with extensive hydraulics expertise	• Hydraulics evaluation and design • Practical solutions for hydraulic improvements	**Hydraulic designs based on plant operations knowledge**
Kristina LaCava, PE (AN) GEOTECHNICAL SERVICES	• 14 years of geotechnical and materials engineering experience including deep foundations and earthwork	• Geotechnical field testing and inspections, soil analysis and evaluation, and materials testing as needed	**Accurate data to support meeting project goals**
Jeffrey Trommer, P.G. (WS) HYDROGEO/WATER QUALITY/ENV.	• 30 years of hydrogeologic experience specializing in water supply, testing and assurance of quality	• Testing and inspection for well water and support for well permitting and meeting water quality goals	**Achieve desired water quality goals**
Kyle McClung, PSM (SC) SURVEY	• 8 years of surveying for water/wastewater construction • Surveys for 5 WTP improvement projects in this region	• Conduct and manage surveys required to support project goals, including subsurface utility engineering (SUE)	**Accurate surveys and detailed GIS data**
Bill Harrington, PE (WT) TECHNICAL ADVISOR	• 37 years of utility design engineering experience • Expert in translating Owner's vision to design teams • Seasoned collaborative delivery team leader	• Lend insight on the County's objectives for the project to the design team for reflecting in the overal designs • QA recommendations for designs	**Assurance of design team's understanding of the County's goals**
Kris Samples, PE (MH) TECHNICAL ADVISOR	• DCP Manager for the Lockhart Water Treatment Plant • 12 years of water utility engineering experience • Involved in 8 collaborative delivery projects, past 5 years	• Provide guidance to the design-build team on the goals of the County and the Lockhart WTP operations staff • Integration and translation of the DCP to the design team	**Ensuring County and facility objectives are realized in the project designs**
Duane Petersen (AW) STEERING COMMITTEE [Vice President and SE Manager]	• 26 years of construction and collaborative delivery • 23 years of water treatment facility construction • $2B of water treatment facility improvement projects over the past 20 years	• Provide executive-level leadership to D-B Team • Communicate best interests of Hernando County during planning and decision making • Allocate resources as needed for project success	**Proven leadership and assurance of resources dedicated to project**
Tom Brzezinski, PE (WT) STEERING COMMITTEE	• 32 years of utility infrastructure design engineering • More than 25 water-related design-build projects in excess of $1B	• Provide executive-level leadership to D-B Team • Communicate best interests of Hernando County during planning and decision making • Allocate resources as needed for project success	**Proven leadership and allocation of design resources to project**

(AW) Archer Western • (WT) Wade Trim • (MH) Mead & Hunt • (AN) Arehna • (WS) WSP • (SC) Suncoast

The *Exhibit 4* chart below provides a snapshot of our Design-Build Team members' experience relevant to the County's project.

Exhibit 4: D-B Team Members' Similar Experience

Team Member | Role	Design-Build Delivery	Water Treatment Plant	HSP / Pump Station	Sodium Hypochlorite	Concrete Storage Tank	Onsite Power Generation	Wellfield Design	Hydraulic Evaluation	Florida Projects
KEY PERSONNEL									
Bob Bruner, PE, DBIA, ENV SP (AW) | Design-Build Project Manager	●	●	●	●	●	●		●	●
Christopher High, PE, ENV SP (WT) | Design Manager	●	●	●	●	●	●	●	●	●
J.D. Gillespie (AW) | Construction Manager	●	●	●	●	●	●		●	●
Steve Thomas, CSP, CHST (AW) | Safety Officer	●	●	●	●	●	●		●	●
Jeff Lowe, PE (WT) | Lead Design Engineer	●	●	●		●			●	●
Travis Parsons, PE (WT) | Lead Process Engineer	●	●	●	●	●		●	●	●
Keff Kurella, PE, CDT (MH) | Lead Electrical Engineer	●	●	●			●			●
Alan Schwab, PE (WT) | Lead Instrumentation & Controls Engineer	●	●	●		●	●			●
Joe Poulos (AW) | Lead Construction Superintendent	●	●	●	●	●	●		●	●
Steve Cornett (AW) | Project Lead Estimator	●	●	●	●	●	●			●
OTHER ROLES ON ORGANIZATIONAL CHART									
Tom Wilson, PE (WT) | Pumping & Pipe Engineer	●	●	●		●			●	●
Matt Muntz, PE, ENV SP (MH) | Process Design Support	●	●	●	●	●		●	●	●
Cole Samuelson (AW) | Schedule & Cost Controls	●	●	●		●	●			●
Dallas Evans (AW) | Value Engineering	●	●	●	●	●	●			●
Chad Townsend (AW) | Quality Control Manager	●	●	●	●	●	●		●	●
Butch Babler (AW) | Commissioning	●	●	●	●	●	●		●	●
William Black, PE (MH) | Lead Structural Engineer	●	●	●		●				●
Gary Emmel, PE* (WT) | Water System Hydraulics	●	●	●	●	●	●		●	●
Kristina LaCava, PE (AN) | Geotechnical Services	●	●	●		●	●			●
Jeffrey Trommer, P.G. (WS) | Hydrogeo/Water Quality/Environmental	●	●					●		●
Kyle McClung, PSM (SC) | Survey	●	●							●
Bill Harrington, PE (WT) | Technical Advisor	●	●	●	●	●	●		●	●
Kris Samples, PE (MH) | Technical Advisor	●	●	●	●	●	●	●	●	●
Duane Petersen (AW) | Executive Steering Committee Member	●	●	●	●	●	●		●	●
Tom Brzezinski, PE (WT) | Executive Steering Committee Member	●	●	●		●				●

**=hydraulic modeling experience*

(AW) Archer Western • (WT) Wade Trim • (MH) Mead & Hunt • (AN) Arehna • (WS) WSP • (SC) Suncoast

As demonstrated by *Exhibit 4* above, every member of our team offers experience with similar projects, and is a specialist in his or her field. **This is a team that will be a constant and effective partner for Hernando County to achieve your goals for this project based on:**

- **a solid history of working together, as well as experience with design-build delivery and similar projects**
- **immediate availability, and proximity to the Lockhart WTP and Hernando County staff**
- **shared Design-Build Team commitment to delivering an on-time, quality project without cutting corners**

Exhibit E
Corporate Structure Questionnaire

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

1. Offerors shall complete the following information for the Proposed Design-Builder and all proposed Design-Build Team Members:

Legal Name	Archer Western Construction, LLC
Street Address	4343 Anchor Plaza Pkwy, Suite 155 | Tampa, FL 33634
Mailing Address	*same as above*
Point of Contact	Bob Bruner, PE, DBIA, ENV SP
Position	Regional Area Manager / Design-Build Project Manager
Email	rbruner@walshgroup.com
Telephone Number	813.849.7500
Fax Number	813.849.7581
Type of Business	Construction
D-U-N-S Number	078425214
Federal Tax Identification Number	27-0887868
State Contractor's Registration Number (if applicable)	CGC1530406
State Business License Number (if applicable)	*authorization to transact business in Florida - document number: M10000002359*

2. If the Proposed Design-Builder is a Joint Venture, Offerors must:

   a. Submit the above information the Joint Venture as well as for each member of the Joint Venture; and

   b. Attach a copy of the Joint Venture Agreement to this form.

Exhibit E
Corporate Structure Questionnaire

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

1. Offerors shall complete the following information for the Proposed Design-Builder and all proposed Design-Build Team Members:

Legal Name	Wade Trim, Inc.
Street Address	201 N. Franklin Street, Suite 1350 | Tampa, FL 33602
Mailing Address	*same as street address*
Point of Contact	Tom Brzezinski
Position	Executive Vice President
Email	tbrzezinski@wadetrim.com
Telephone Number	813.480.9000
Fax Number	888.499.9624
Type of Business	C-Corporation
D-U-N-S Number	80-938-2575
Federal Tax Identification Number	59-2417170
State Contractor's Registration Number (if applicable)	N/A
State Business License Number (if applicable)	H05938

2. If the Proposed Design-Builder is a Joint Venture, Offerors must:

   a. Submit the above information the Joint Venture as well as for each member of the Joint Venture; and

   b. Attach a copy of the Joint Venture Agreement to this form.

Exhibit E
Corporate Structure Questionnaire

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

1. Offerors shall complete the following information for the Proposed Design-Builder and all proposed Design-Build Team Members:

Legal Name	Mead & Hunt, Inc.
Street Address	2203 North Lois Avenue, Suite 225 | Tampa, FL 33607
Mailing Address	*same as street address*
Point of Contact	Kristopher Samples, PE
Position	Florida Water Market Leader
Email	kris.samples@meadhunt.com
Telephone Number	813.210.8743
Fax Number	608.273.6390
Type of Business	corporation
D-U-N-S Number	06-686-2558
Federal Tax Identification Number	39-0793822
State Contractor's Registration Number (if applicable)	N/A
State Business License Number (if applicable)	26730

2. If the Proposed Design-Builder is a Joint Venture, Offerors must:

   a. Submit the above information the Joint Venture as well as for each member of the Joint Venture; and

   b. Attach a copy of the Joint Venture Agreement to this form.

Exhibit E
Corporate Structure Questionnaire

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

1. Offerors shall complete the following information for the Proposed Design-Builder and all proposed Design-Build Team Members:

Legal Name	AREHNA Engineering, Inc.
Street Address	5012 W Lemon Street, Tampa, Florida 33609
Mailing Address	5012 W Lemon Street, Tampa, Florida 33609
Point of Contact	Jessica McRory, PE
Position	President
Email	jmcrory@arehna.com
Telephone Number	813-944-3464
Fax Number	813-944-4959
Type of Business	Geotechnical & Construction Materials Testing Engineering
D-U-N-S Number	8304133303
Federal Tax Identification Number	26-3947444
State Contractor's Registration Number (if applicable)	
State Business License Number (if applicable)	28410

2. If the Proposed Design-Builder is a Joint Venture, Offerors must:

   a. Submit the above information the Joint Venture as well as for each member of the Joint Venture; and

   b. Attach a copy of the Joint Venture Agreement to this form.

Exhibit E
Corporate Structure Questionnaire

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

1. Offerors shall complete the following information for the Proposed Design-Builder and all proposed Design-Build Team Members:

Legal Name	WSP USA Inc.
Street Address	2202 N. West Shore Blvd., Ste. 300, FL 33607
Mailing Address	2202 N. West Shore Blvd., Ste. 300, FL 33607
Point of Contact	Jeffrey Trommer
Position	Lead Hydrogeologist
Email	jeffrey.trommer@wsp.com
Telephone Number	813-437-8953
Fax Number	813-520-4290
Type of Business	Corporation
D-U-N-S Number	07-585-5788
Federal Tax Identification Number	11-1531569
State Contractor's Registration Number (if applicable)	
State Business License Number (if applicable)	829626

2. If the Proposed Design-Builder is a Joint Venture, Offerors must:

   a. Submit the above information the Joint Venture as well as for each member of the Joint Venture; and

   b. Attach a copy of the Joint Venture Agreement to this form.

Exhibit E
Corporate Structure Questionnaire

This document has important legal consequences. Consultation with an attorney is recommended with respect to its completion or modification.

1. Offerors shall complete the following information for the Proposed Design-Builder and all proposed Design-Build Team Members:

Legal Name	Suncoast Land Surveying
Street Address	111 Forest Lakes Blvd, Oldsmar, FL 34677
Mailing Address	111 Forest Lakes Blvd, Oldsmar, FL 34677
Point of Contact	Katie McClung
Position	President
Email	katie@suncoastls.com
Telephone Number	813-854-1342
Fax Number	N/A
Type of Business	Land Surveying
D-U-N-S Number	N/A
Federal Tax Identification Number	59-27-33609
State Contractor's Registration Number (if applicable)	N/A
State Business License Number (if applicable)	LB4513

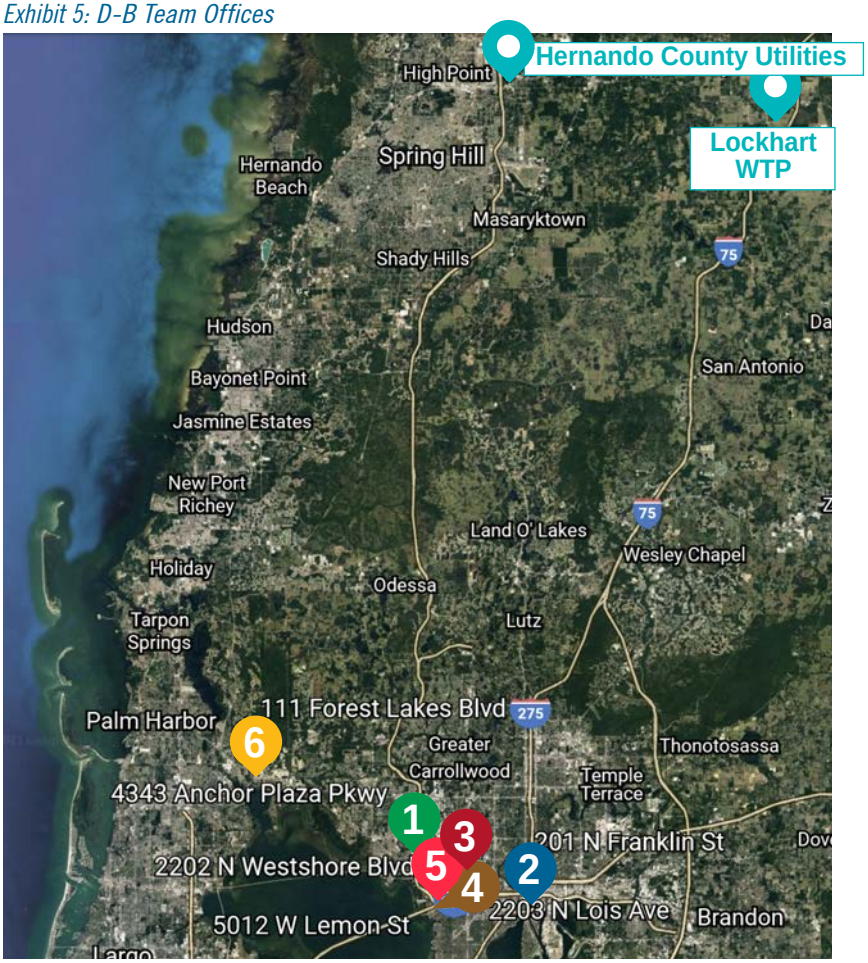
2. If the Proposed Design-Builder is a Joint Venture, Offerors must:
   a. Submit the above information the Joint Venture as well as for each member of the Joint Venture; and
   b. Attach a copy of the Joint Venture Agreement to this form.

LOCATION

Archer Western has assembled an unmatched team of **local experts**, strategically selected to exceed Hernando County's goals for this project. As citizens who live and work in the Tampa Bay area, we are excited to support and help improve our community. All key members of our team stand ready to commence work immediately for the County, and our deep bench of local professionals offers access to additional resources as needed. We would be honored to demonstrate our ability to deliver solutions for the Lockhart WTP Expansion Design-Build project to Hernando County.

All project activities will be performed through our local offices in Tampa. **The Archer Western/Wade Trim Design-Build Team's local office (same as the office of the Prime, Archer Western) is listed below.**

Exhibit 5: D-B Team Offices



1. **Archer Western Construction, LLC**
   4343 Anchor Plaza Pkwy, #155 | Tampa, FL 33634
   T: 813.849.7500 | F: 813.848.7581
   E: rbruner@walshgroup.com | W: www.walshgroup.com
   44.6 miles from Hernando County Utilities

2. **Wade Trim** | One Tampa City Center | 201 N. Franklin St, #1350 | Tampa, FL 33602 |
   T: 813.882.4373 | F: 888.499.9624
   E: tbrzezinski@wadetrim.com | W: www.wadetrim.com | 50 miles from Hernando County Utilities

3. **Mead & Hunt** | 2203 North Lois Avenue, Suite 225 | Tampa, FL 33607 | T: 813.210.8740 | F: 608.273.6390
   E: kris.samples@meadhunt.com | W: meadhunt.com | 46 miles from Hernando County Utilities

4. **AREHNA Engineering, Inc.** | 5012 W. Lemon Street | Tampa, FL 33609 | T: 813.944.3464 | F: 813.944-4959
   E: klacava@arehna.com | W: arehna.com | 45 miles from Hernando County Utilities

5. **WSP, Inc.** | 2202 N. West Shore Blvd, Suite 300 | Tampa, FL 33607 | T: 813.520.4444 | F: 813.520.4290
   E: jeffrey.trommer@wsp.com | W: *wsp.com* | 48 miles from Hernando County Utilities

6. **Suncoast Land Surveying** | 111 Forest Lakes Blvd | Olsmar, FL 34677 | T: 813.854.1342 | F: N/A
   E: kyle@suncoastls.com | W: *suncoastlandsurveying.com* | 43 miles from Hernando County Utilities

AVAILABILITY of KEY PERSONNEL | Shown in Exhibit 6 is a list of all proposed Key Personnel and the percentage of time they are available to be dedicated to the Lockhart Water Treatment Plant Expansion Project.

[Exhibit 6: Key Personnel Availability

Team Member | Role	Availability
Bob Bruner, PE, DBIA, ENV SP (AW) | Design-Build Project Manager	75%
Christopher High, PE, ENV SP (WT) | Design Manager	75%
J.D. Gillespie (AW) | Construction Manager	100%
Steve Thomas, CSP, CHST (AW) | Safety Officer	40%
Jeff Lowe, PE (WT) | Lead Design Engineer	75%
Travis Parsons, PE (WT) | Lead Process Engineer	75%
Keff Kurella, PE, CDT (MH) | Lead Electrical Engineer	75%
Alan Schwab, PE (WT) | Lead Instrumentation & Controls Engineer	75%
Joe Poulos (AW) | Lead Construction Superintendent	100%
Steve Cornett (AW) | Project Lead Estimator	40%

4. DEMONSTRATED HISTORY OF OTHER PROJECTS SIMILAR IN SCOPE AND COMPLEXITY

[SECTIONS 6.4 - 6.5]

Section 4 Table of Exhibits

Demonstrated History of Other Projects Similar in Scope and Complexity

Name of Project:

Lift Station 87 Wet Weather Flow Transfer Design-Build

Owner/Customer:

City of St. Petersburg

Project Location:

St. Petersburg, FL

Role on Project:

Design-Build Prime teamed with **Wade Trim and Mead & Hunt for Design**

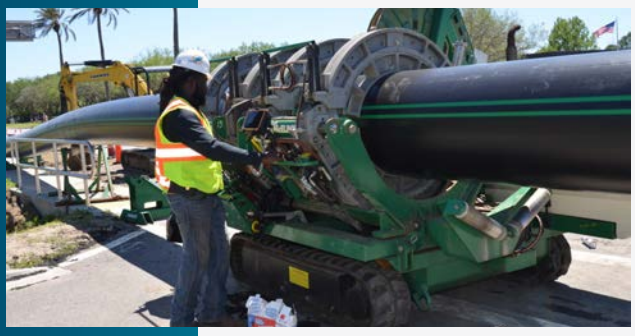
Description of Delivery Method, and Integration of Design and Construction:

This fast-tracked project is driven by an FDEP consent order. Due to the tight time constraints, the City of St. Petersburg selected the **Archer Western/Wade Trim Design-Build Team to deliver the City's first progressive design-build project**, and help the City resolve the challenge of balancing wet weather flows between the City's southwest and northwest facilities during wet weather events. The project entails designing and constructing a new 3.5 MGD lift station, three miles of 16" force main, and modifications to an existing lift station to connect the new force main.

Description of Project and Applicability/ Relevance to Evaluation Criteria for this Project:

The Archer Western/Wade Trim Design-Build Team has aligned the City's project objectives with current marketplace conditions of pipe availability and price volatility in order to ensure the installation on time and within budget. In addition to meeting the accelerated schedule, an additional challenge is presented by having to install the 16" force main along the busy 1st Ave South roadway and adjacent to an existing project for PSTA's Sunrunner bus route. Diligent coordination is required to ensure this project does not impact traffic flow or the PSTA's project.

This project is designed and being constructed to achieve an Envision Gold certification upon completion.



RELEVANCE TO LOCKHART WTP EXPANSION DESIGN-BUILD PROJECT

- ✓ Archer Western and Wade Trim Design-Build Project
- ✓ **Client's FIRST Progressive Design-Build Project**
- ✓ New Lift Station Design and Construction
- ✓ Value Engineering

Value Engineering Ideas and/or Risks Encountered and How Resolved:

The Archer Western/Wade Trim Design-Build Team provided Value Engineering services for the Lift Station 87 project that included relocating the force main routing to avoid bus stop locations, relocating sanitary sewer to reduce impacts to the existing system, and evaluating pipe materials to ensure on-time delivery.

The greatest risks to the project's success are those that would compromise the project schedule. Our team planned for and executed a strategy for mitigating these risks through various proactive efforts. These include obtaining long-lead pumps and piping early enough to complete the project within schedule, which was supported by an **early GMP development** for release of these materials.

Key Team Members Proposed Who Played Significant Role on Project:

Duane Petersen, Tom Brzezinski, Bob Bruner, Christopher High, J.D. Gillespie, Jeff Lowe, Bill Harrington, Alan Schwab, Gary Emmel, Steve Thomas, Steve Cornett, Dallas Evans

Initial Contract Price | Final Contract Price:

Initial: $11 Million | *Final: final GMP forthcoming*

Initial Substantial Completion | Actual Substantial Completion | Difference between the Two Dates

Initial: May 2022 | *Actual:* ongoing and on-schedule for May 2022 completion

Owner/Customer Contact (Name, address, email, and phone number):

Diana Smillova, Project Manager-Engineering and Capital Improvements
City of St. Petersburg Procurement | One 4th Ave. N | St. Petersburg, FL 33713
diana.smillova@stpete.org | 727.893.4165

Name of Project:

WTUA EQ Basin Expansion and Pump Station Upgrades

Owner/Customer:

Western Township Utility Authority (WTUA)

Project Location:

Canton, MI

Role on Project:

Design-Build Prime teamed with **Wade Trim for design**

Description of Delivery Method, and Integration of Design and Construction:

The Great Lakes Water Authority (GLWA) provides water and sewer services for the majority of county entities in Southern Michigan. The Western Township Utility Authority (WTUA), one of these entities, required additional storage capacity and pump station upgrades in order to maintain quality service. The authority had a difficult experience with change orders and a number of disagreements in its prior traditional design-bid-build project. In order to have a collaborative working relationship where WTUA could work with a team to obtain the preferred design and equipment, WTUA opted to pursue a progressive design-build delivery for this project.

WTUA chose the design-build team of Archer Western and Wade Trim to deliver its first progressive design-build project. The **Phase 1 budget was met with no change orders** other than owner-requested, which included the pre-purchase of valves and a pre-stressed concrete tank in order to speed up the project schedule.

Description of Project and Applicability/ Relevance to Evaluation Criteria for this Project:

The project included construction of a new 3 million gallon (MG) storage tank connecting two existing structures. The new tank ties into existing mains with ductile iron piping. Included in the project were electrical and SCADA upgrades to an existing nearby pump station, cosmetic improvements to the pump station structure, and other ancillary upgrades to the pump station.

RELEVANCE TO LOCKHART WTP EXPANSION DESIGN-BUILD PROJECT

- ✓ Archer Western and Wade Trim Design-Build Project
- ✓ 3 MG Concrete Ground Storage Tank
- ✓ Pump Station Improvements
- ✓ New Onsite Power Generation (whole plant capacity)
- ✓ Electrical and I&C Improvements

Value Engineering Ideas and/or Risks Encountered and How Resolved:

During preconstruction and prior to the 30% design, WTUA requested our team work with the designer to evaluate several different tank alternatives (10 in fact) to come up with the best overall value. It included several different types: completely buried, partially buried, above-grade, circular, rectangular, cast-in-place, prestressed, top, no-top, etc. The design-build team worked together through all alternatives and scored them based on price, schedule, aesthetics, risk and a number of other factors. The client was then able to make informed decisions based on best value and not just price.

The biggest risk on the project revolved around the need for a complete SCADA upgrade. WTUA operates on three separate sites; over the years the instrumentation upgrades had been completed by multiple different firms with very little as-built data. The servers wouldn't communicate well and it created a lot of problems for WTUA. Walsh worked with WTUA to coordinate all of this SCADA upgrade scope as an early work package and as a phased approach with all of their different sites. Our instrumentation subcontractor built the new equipment in their shop, factory tested it, and then installed each individual site PLC one by one and integrated each new panel with the new SCADA interface before moving to the next panel. This process worked very well and make WTUA much more comfortable with the operation and we were able to deliver their new SCADA interface scope well before the rest of the project was completed.

Key Team Members Proposed Who Played Significant Role on Project:

N/A

Initial Contract Price | Final Contract Price:

Initial: $14.3 Million | *Final:* $14.3 Million

Initial and Actual Substantial Completion | Difference between the Two Dates

Initial: June 2020 | *Actual:* June 2020—Phase 1 (*Phase 2 is scheduled for substantial completion of March 2022 and final completion May 2022*)

Owner/Customer Contact (Name, address, email, and phone number):

Aaron Sprague, Director of Operations | 40905 Joy Road • Canton, MI 48187
aaron@wtua.org | 734.453.2793

Name of Project:

Cosme WTP Operational & SCADA Improvements

Owner/Customer:

City of St. Petersburg

Project Location:

St. Petersburg, FL

Role on Project:

Design-Build Lead Designer

Description of Delivery Method, and Integration of Design and Construction:

This is a progressive design-build project to improve the 68-million gallons per day (MGD) conventional lime softening treatment plant. Wade Trim's approach to the project focuses on mitigating risk, providing long-term benefits, reducing impacts, phasing of project scope, adding value, and avoiding potential disruptions to the sole water source for the City. Wade Trim meets weekly with the design-builder and bi-weekly with the City to keep the client informed and assist with making decisions.

Description of Project and Applicability/ Relevance to Evaluation Criteria for this Project:

Needed upgrades include optimization improvements, header valve replacement, pumping improvements, and upgrades to plant instrumentation and SCADA to increase efficiency through automation and decrease maintenance costs. Other plant components that need to be upgraded include chemical storage and feed systems, building hardening, site connectivity and security upgrades, and electrical upgrades from medium voltage.

RELEVANCE TO LOCKHART WTP EXPANSION DESIGN-BUILD PROJECT

- ✓ Alternative delivery (progressive design-build)
- ✓ Water treatment plant improvements
- ✓ Electrical and I&C improvements

Value Engineering Ideas and/or Risks Encountered and How Resolved:

Value engineering opportunities were identified, including consolidating chemicals into a co-located building, building hardening for increased safety, new high-service pumping alternatives, and a new emergency operation building. The team collaborated with City staff by holding a risk mitigation plan to allocate risk to the party in the best position to manage risk. This is accomplished by defining project risks, developing a risk management strategy, and communicating these strategies with all project stakeholders. Project material/equipment availability and prices have been fluctuating, therefore the design-build team is coordinating closely with the City to develop an owner-direct purchase (ODP) and multiple contractor guaranteed maximum price (GMP) to further align with project budget and schedule requirements.

Key Team Members Proposed Who Played Significant Role on Project:

Christopher High, Jeff Lowe, Alan Schwab

Initial Contract Price | Final Contract Price:

Initial: $40 million | *Final:* TBD (project in progress)

Initial Substantial Completion | Actual | Difference between the Two Dates

Initial: 2022 | *Actual:* TBD (project in progress)

Owner/Customer Contact (Name, address, email, and phone number):

Diana Smillova, Manager of Engineering Design | One 4th Street North, 7th Floor • St. Petersburg, FL 33701 | diana.smillova@stpete.org | 727.893.4165

Name of Project:

Spot Pond Water Storage Facility and Pump Station Design-Build

Owner/Customer:

Massachusetts Water Resource Authority (MWRA)

Project Location:

Stoneham, MA

Role on Project:

Design-Build Prime/Contractor

Description of Delivery Method, and Integration of Design and Construction:

This design-build project entailed dilligent, consistent communication between the design-build team (Archer Western/Walsh with Hazen and Sawyer) and the project Owner, MWRA. **Close collaboration between the design-build team and the Owner was essential to meeting goals for working with the community and providing minimal disruption in the high-traffic area**.

This close collaboration of all team members resulted in a successful project that included **no change orders outside of those required by the Owner for additions to the original scope**.

Description of Project and Applicability/ Relevance to Evaluation Criteria for this Project:

The safe drinking water act required the MWRA to replace their 100-year-old system of open reservoirs. The MWRA partnered with Archer Western and Hazen and Sawyer to design and install a new 40 MGD pump station and water storage facility. The storage provides a balance of flows during the daily use cycle and emergency volume for 21 communities in a low-service area. The service area for the new pump station and storage facility was near sea level, so the location was chosen at a key elevation point to maintain appropriate pressure across the system. The raw water to feed the new station is treated at the John J. Carroll Water Treatment Plant in Marlborough, then sent eastward through the MetroWest Water Supply Tunnel. The project included tying PCC pipe into an existing ductile iron main that would convey water to the new underground storage facility. During construction 1,020 linear feet of 60" PCC pipe and 2,600 linear feet of ductile iron pipe were laid. An overflow pipe was installed that required significant pipe jacking under an existing road to provide relief. The pipe jacking was performed to avoid open pit digging in a sensitive area. Additionally, more than 25,000 cubic yards of concrete were poured for the new pump station and storage facility.

RELEVANCE TO LOCKHART WTP EXPANSION DESIGN-BUILD PROJECT

- ✓ Design-Build Project
- ✓ New Pump Station
- ✓ Concrete Water Storage
- ✓ Electrical and I&C Improvements
- ✓ Proactive Safety Management

Value Engineering Ideas and/or Risks Encountered and How Resolved:

Value engineering pipeline materials and work sequencing resulted in a savings of $3,360,000 to the Owner. One of the risks was cavitation that could result from pump vibrations in this very sensitive environment. Our team addressed this through realignment of some of the suction pipe routing, and making adjustments to pump pads.

Key Team Members Proposed Who Played Significant Role on Project:

N/A

Initial Contract Price | Final Contract Price:

Initial: $49.4 Million | *Final:* $50.5 Million
difference due to Owner's changes to scope

Initial Substantial Completion | Actual | Difference between the Two Dates

Initial: December 2016 | *Actual:* December 2016

Owner/Customer Contact (Name, address, email, and phone number):

Marty McGowan, Construction Coordinator | 100 1st Avenue, Suite 1 • Charleston, MA 02129 | marty.mcgowan@mwra.com | 617.570.5439

Name of Project:

Big Cypress Water Treatment Plant (WTP)

Owner/Customer:

Seminole Tribe of Florida (STOF)

Project Location:

Big Cypress Reservation / Hollywood, FL

Role on Project:

Engineer/Prime

Description of Delivery Method, and Integration of Design and Construction:

Wade Trim was selected to complete the design of upgrades at the Big Cypress Reservation WTP, a low-pressure reverse osmosis (RO) groundwater treatment plant that processes up to 0.8 mgd. Wade Trim provided construction administration services once design was complete.

Description of Project and Applicability/ Relevance to Evaluation Criteria for this Project:

The project provided upgrades to remove hydrogen sulfide and upgrade the pre- and post-RO chemical systems. The project also included replacement of the existing 400 kW diesel generator. To facilitate removal of hydrogen sulfide from the RO permeate, a new degasifier system, clear well, and odor scrubber system were designed. Chemical system improvements replaced the existing chemical facilities and provided for new systems to enhance the treatment process. Each chemical system consists of bulk storage, transfer pumping, day tanks, metering pumps, distribution piping, and dosing facilities. A new 450 kW stationary emergency standby diesel generator, fuel day tank, and automatic transfer switch were installed along with associated electrical and control system modifications. The project also included furnishing a portable 450 kW diesel generator.

RELEVANCE TO LOCKHART WTP EXPANSION DESIGN-BUILD PROJECT

- ✓ Treatment plant improvements
- ✓ New emergency standby generator
- ✓ Electrical and I&C improvements
- ✓ Chemical/treatment improvements

Value Engineering Ideas and/or Risks Encountered and How Resolved:

The Wade Trim Team identified value engineering opportunities for the Big Cypress WTP project that included removing hydrogen sulfide and upgrading the pre- and post-RO chemical systems. Each chemical system consisted of bulk storage, transfer pumping, day tanks, metering pumps, distribution piping, and dosing facilities. The following chemical systems were included: 93% sulfuric acid, antiscalant, 12.5% sodium hypochlorite for pre-storage, odor scrubbers, and recirculation systems; 50% caustic soda for pre-storage and odor scrubber systems; 23% hydrofluosilicic acid; corrosion inhibitor; 6% sodium bicarbonate; and 32% calcium chloride.

The team collaborated with STOF staff by holding a risk mitigation plan to allocate risk to the party that was in the best position to manage the risk. This allocation was accomplished by defining project risks, developing a managing strategy for the risks, and communicating these strategies with all project stakeholders.

Key Team Members Proposed Who Played Significant Role on Project:

Alan Schwab

Initial Contract Price | Final Contract Price:

Initial: $822,000 | *Final:* $822,000

Initial Substantial Completion | Actual | Difference between the Two Dates

Initial: 2019 | *Actual:* 2019

Owner/Customer Contact (Name, address, email, and phone number):

Aleem Ghany, PE | 6300 Stirling Road • Hollywood, FL 33024
aleemghany@semtribe.com | 954.495.0154

Past Performance in Developing Integrated Design and Construction Schedules for Projects of Similar Scope and Complexity

The design-build delivery method offers flexibility to stakeholders, particularly when it comes to innovations in advancing the schedule. Our team's experience with delivering designs and construction projects of this nature will allow us to work closely with the County to implement several strategies to improve the overall schedule goals, present an acceptable GMP in an accelerated manner, and achieve the County's milestones. ***Exhibit 7* below presents steps our Design-Build Team will take to keep the Lockhart WTP Expansion project on track.**

Exhibit 7: Keeping the Project On-Budget and On-Schedule

Keeping the Project on Budget and on Schedule »

- ☑ Cost reports indicate actual and estimated costs compared to baseline
- ☑ Cash flow reports forecast anticipated monthly invoices to final completion
- ☑ Production trend charts compare planned to actual rate of work
- ☑ Contract/scope review confirms performance expectations
- ☑ Early procurement of long-lead and price-volatile materials
- ☑ Stakeholder workshops for schedule, budgets and constructability
- ☑ Complete transparency

Shown below, in addition to the projects described in the preceding pages, are examples of our Design-Build Team's experience with developing and implementing design and construction schedules for similar projects.

Name of Project:

Project Location:

Firm | Role on Project:

Owner/Customer:

Delivery Method, Description and Integration of Design and Construction Schedules:

Terminal Island Water Reclamation Plant (TIWRP) Advanced Water Purification Facility (AWPF) Ultimate Expansion

Los Angeles, California

Archer Western | Design-Build Prime/Contractor

City of Los Angeles Bureau of Engineering

Walsh/Archer Western partnered with Carollo Engineers as the design-build (D-B) team to complete this expansion to the existing plant that increased wastewater treatment capacity to 12 MGD to produce high-quality water for groundwater replenishment and reuse. This innovative facility takes wastewater that would have been discharged into the nearby harbor and cleans the water using advanced water purification technology. The cleaned water is used nearby at the Dominguez Gap Barrier to protect groundwater reservoirs from seawater intrusion, at a nearby golf course for irrigation, by recycled water customers for cooling water or other industrial applications.

The facility expansion included microfiltration (MF) membranes and an advanced oxidation process (AOP) that combines UV irradiation and sodium hypochlorite for disinfection. The expansion was designed to integrate seamlessly with the existing advanced water treatment systems and into the existing plant footprint while minimizing any impacts to existing operations. The project also included installation and integration of 10 large pumps and more than 2,000 LF of force main.

The D-B team designed the expansion to integrate seamlessly with the existing advanced water treatment systems and into the existing plant footprint while minimizing any impacts to existing operations during tie-ins and shut-downs. Understanding the intrinsic restrictions associated with working within the operating plant, our team designed efficient (and in certain situations, redundant) process stream alignments, and **planned shutdowns with engineering and operations to minimize downtime**.

This was a truly collaborative project where the City was involved in all aspects of design and procurement. **The team held weekly meetings to make sure all parties were aware of deliverables to meet the schedule.** Inspectors were involved in delivery inspection, factory testing and commissioning of all systems. The project included 81 special plant accommodations, 63 procurement packages/contracts, and 152 deliveries.

Name of Project:

Johns Creek Environmental Campus

Project Location:

Alpharetta, Georgia

Firm | Role on Project:

Archer Western | Design-Build Prime/Contractor

Owner/Customer:

Fulton County Department of Public Works

Delivery Method, Description and Integration of Design and Construction Schedules:

The Johns Creek Environmental Campus (JCEC) is a 15 MGD design-build advanced wastewater treatment facility on a 48-acre tract of land bordered by a high-end residential subdivision, a major roadway, and the Chattahoochee River. The facility replaced a wastewater treatment plant in Roswell that was decommissioned and demolished once the new plant came on-line. This showcase plant is a completely enclosed facility that has architectural elements giving it the appearance of a historic mill complex. The site has become a shared use park and nature center with the City of Roswell; and the new facility uses low impact design elements that incorporate sophisticated noise and odor abatement features/technologies. In addition, an educational lecture hall, classroom and teaching lab were constructed to educate local school children about wastewater treatment and the impact of water quality on the local environment and the Chattahoochee River. The JCEC was the largest MBR facility in North America at the time of its commissioning.

A design-build approach was utilized to design, construct, and start-up this facility in less than 36-months to allow a four-month operational period to demonstrate to Fulton County that the facility's O&M costs were in line with projections. In addition to full construction services, Archer Western provided preconstruction services that included design package development, estimating, scheduling, subcontractor management, value analysis, QA/QC, safety, traffic control, bonds, permits, insurance, and general construction. We were active in constructability reviews as well as project sequencing and phasing plans designed to match the County's funding streams.

Name of Project:

Scottsdale CAP WTP Onsite Sodium Hypochlorite Generation Facility

Project Location:

Scottsdale, Arizona

Firm | Role on Project:

Archer Western | Construction Manager At-Risk (CMAR)

Owner/Customer:

City of Scottsdale

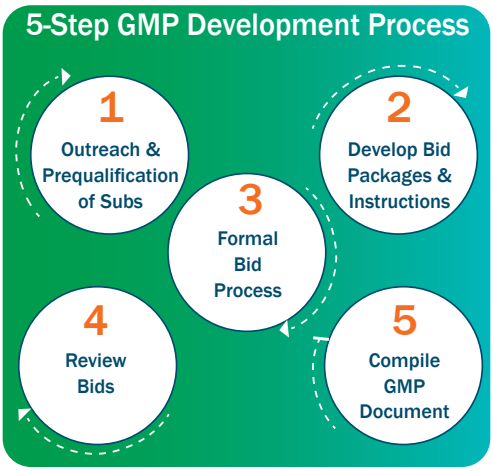
Delivery Method, Description and Integration of Design and Construction Schedules:

The existing Scottsdale CAP Water Treatment Plant previously used a gas chlorine system as the primary means to disinfect potable water for distribution. Under this CMAR contract, Archer Western provided design and construction services from 30% to 100% design. The biggest challenge was trying to fit a new onsite chlorine generation system inside the existing one-ton gas cylinder feed room. Before construction could begin, Archer Western performed installation of a temporary storage and feed system to replace the existing gas feed system so that demolition and remodeling could be completed without impacting the plant disinfection requirements. Once the temporary liquid feed system was complete, demolition of the gas system beganincluding gas cylinder scales, valve assemblies, gas chlorinators, steel piping, overhead cranes, and related electrical systems. All existing HVAC system were removed to make room for new HVAC system to be sized according to the new onsite generation demands. Due to limited space inside the existing gas feed system, construction of a new tank storage area and shade canopy was completed just adjacent to the existing facility. An added scope required new electrical ductbanks, site concrete for new electrical equipment, new utility company entrance cabinets, new transformers and switchgear. This work was accomplished through diligent plant coordination and and several temporary shut-downs.

The largest challenge for this project was the fast-paced schedule required to meet the Owner's demands. A typical schedule for this work would be 9-12 months. Due to careful planning of the CMAR team with the Owner, plant operations staff, and design engineers, our team was able to **accomplish this scope in just 7 months to meet the Owner's deadline**.

Past Performance in Developing and/or Managing Costs within a Guaranteed Maximum Price

Development of the Guaranteed Maximum Price (GMP) is an important part of delivering this project successfully to the County. Our team is committed to a transparent GMP process that provides competitive marketplace pricing, disadvantaged business opportunities, and strong self-performance capabilities. The County is encouraged to be deeply involved in the GMP development process, as this is important to ensuring a confidence in the scope and pricing, resulting in timely approval and a seamless transition into the construction phase.



We will provide the County with our complete GMP cost estimate during Step 2 of this process, including bid tabulations of all supporting supplier proposals, which are obtained in an open and competitive bidding format. The final GMP package will be presented in an open-book manner to the County for review and approval, and the County will have final approval of recommended suppliers and subcontractors. The effectiveness of our GMP process combined with our team's extensive experience with the process will **mitigate the need for any change orders not requested by the County.**

A few examples of our team's experience with developing and managing costs within a GMP are provided below.

Name of Project:

Project Location:

Firm | Role on Project:

Owner/Customer:

Delivery Method, Description and Integration of Design and Construction Schedules:

Big Creek Water Reclamation Facility (WRF) Expansion

Roswell, Georgia

Archer Western | Progressive Design-Build Prime/Contractor [Wade Trim providing CM services]

Fulton County

The Big Creek WRF encompasses the largest flow and service area in Fulton County, Georgia. The service area has experienced a large amount of growth which is projected to continue, requiring an increase in treatment capacity from 24 MGD to 32 MGD. Concerns with waste load allocation to the Chattahoochee River along with odor and noise issues for nearby residents also drove the County to seek improvements. Facing a large capital expenditure that would result in a long-term solution for the County's rate payers, Fulton decided to pursue an alternative delivery style of procurement. The County ultimately chose the Progressive Design-Build style of delivery due to the ability to shorten the overall time frame of the project; and to closely collaborate with the chosen team on the design, cost and risk management. Main drivers behind selecting Progressive Design-Build process were collaborative design process, accurate "open book" pricing, single source of accountability, optimized constructability, MOPO, plant operating flexibility and life cycle costs, and allowing for early construction and phased expansion.

Each phase of the project delivery was supported by a rigid schedule that was agreed to by Fulton County. Delivery milestones on design, cost models and other project related activities including public meetings, subcontractor and vendor involvement, and community engagement were established at the onset of each phase. Monthly updates and weekly coordination calls were implemented to track progress and address challenges proactively. The increase in capacity from a current maximum monthly flow of 24 MGD to ultimately 38 MGD along with a more stringent effluent permit steered the County to choosing membrane bioreactor (MBR) technology as their main treatment process. Due to the specificity of the technology, the membrane supplier selection was performed at the beginning of the design phase utilizing the RFP process and best value selection method. The selected supplier was engaged in project design advancement and the GMP finalization.

Cost model and design milestones were set at 30% and 60% design stages. The GMP was established at 80% design to ensure that all parties were in agreement on the design, and cost and risk factors were managed through an open-book strategy. Early major equipment selection and an early site work package allowed for the project to progress while finalizing design details. These efforts resulted in an effective collaboration between Fulton County and the Progressive Design-Build team with final construction (including MBR supplier) agreements achieved at 80% GMP in July 2020.

Name of Project:

Project Location:

Firm | Role on Project:

Owner/Customer:

Delivery Method, Description and Integration of Design and Construction Schedules:

Wylie Water Treatment Plant III Expansion

Wylie, Texas

Archer Western | Construction Manager At-Risk (CMAR)

North Texas Municipal Water District

The North Texas Municipal Water District chose Archer Western to lead the expansion of the Wylie Water Treatment Plant and associated pipeline work during multiple phases. The CMAR contract included preconstruction, procurement, and construction services for a plant pump station, ozone facilities, filter and backwash system, plate settlers, concrete structures, and 1,600 feet of pipeline.

As the CMAR, Archer Western was tasked with managing a "Best Value" pipeline contractor selected for the steel piping installation. The pipeline contractor was $2 million lower than the other bidders, and it was apparent that this contractor would require vigilant oversight by both Archer Western as the CMAR, as well as the Owner to ensure quality workmanship. Our CMAR Team intervened on occasion when safety or questionable construction methods were observed; work was halted until the installation could proceed under a better plan. **Our experienced CMAR Team's constant oversight of the pipeline installation resulted in a safer, and higher quality installation.**

Several times, as CMAR for the project, the Archer Western Team modified the scope of work to assist the pipeline contractor's focus on installation of the pipeline, while delegating other tasks to capable subcontractors to provide the Owner with Best-In-Class Quality. Our CMAR involvement resulted in: (1) on-time delivery of pipeline, (2) pipeline installation in accordance with the plans and specifications, (3) safe installation without incident, and (4) a significant savings to the Owner.

Archer Western worked with the Owner and Engineer staff to derive the desired Guaranteed Maximum Price, conducting an aggressive value engineering process to reduce costs where possible while also maintaining stringent design standards. The overall final GMP included a deductive change order in the amount of $2,011,763 by reducing the number of ozone generators from two to one. Total savings resulting from the value engineering process was $3,565,238.

Name of Project:

Project Location:

Firm | Role on Project:

Owner/Customer:

Delivery Method, Description and Integration of Design and Construction Schedules:

Del Prado Wastewater Treatment Facility (WWTF) Expansion

North Fort Myers, FL

Wade Trim | Lead Designer

Florida Governmental Utility Authority (FGUA)

The Del Prado WWTF is a Type I extended aeration wastewater treatment plant equipped with an elevated headworks facility and a single oxidation ditch. Del Prado uses digestion as a means to thicken sludge and sludge hauling trucks to dispose of solids. Wade Trim provided lead design services on this design-build project to expand the facility from a permitted average daily flow of 2.35 to 4.25 million gallons per day (MGD) with a peak hourly flow of 10.62 MGD and designed the new headworks facility to adequately expand to handle increased flow. The primary reason for the expansion was that a nearby Lee County treatment facility, the Waterway Estates WWTP, was to be decommissioned and its 1-MGD AADF of wastewater was to be diverted to Del Prado for treatment.

Being a newly acquired system, rates were set and maintained over a period of time. Available funding for the expansion was minimal. **During the development of the basis of design, Wade Trim worked hand-in-hand with FGUA staff and the constructor of this design-build project to keep the guaranteed maximum price (GMP) within budgeting targets. Several iterations were completed of the scope of work until the GMP was at the targeted levels, and the technical needs of the plant were met to meet the new capacity and treatment levels.**

Wade Trim initiated the project by preparing a basis of design report for the upgrades, which consisted of the new headworks facility and oxidation ditch, as well as RAS/WAS pump modifications, a digester, a reject pump station, and a reuse pump station. Sizing calculations were conducted to ensure the plant was sized to optimally treat expected hydraulic and nutrient loadings. Wade Trim evaluated the need to expand the reclaimed water storage and distribution system to augment the existing system. An on-site lift station used to transfer flows from the digesters, filters, and various site drains to the headworks facility was also designed. The existing lift station was replaced to provide a larger wet well to handle the increased volumetric flow rates. Special consideration was given to ensure the operating range would prevent the submersible pump motors from starting more than six times per hour. The facility received an updated SCADA system as well as a new power generator.

Past Performance Working Together, and Promoting Integration and a Collaborative Working Environment

The Archer Western/Wade Trim Design-Build Team recently joined together to deliver several major projects, two of which are described on the first pages of this section: the Lift Station 87 Wet Weather Flow Transfer, and the WTUA EQ Basin Expansion and Pump Station Upgrades design-build projects. **Together, Archer Western and Wade Trim have delivered more than $536 million of work, most of which is design-build and progressive design-build.**

This proven track record is testament to our team's ability to work cooperatively with multiple clients and subcontractors. Below are projects Archer Western and Wade Trim have teamed together to deliver:

- Lift Station 87 Wet Weather Flow Transfer Design-Build [$11M]
- WTUA EQ Basin Expansion/PS Upgrades Design-Build [$14.3M]
- DUWA Thermal Biosolids Drying Facility [$18.3M]
- Big Creek WRF Expansion [$312M]
- DWSD WWTP Incinerator Burner Train Imp. Design-Build [$24.2M]
- DWSD WWTP Pump Station No. 1 Rehab [$20M]
- DWSD WWTP Renovation of Admin Building [$15.1M]
- DWSD WWTP Secondary Water Rehab [$2.7M]
- DWSD WWTP High-Purity Oxygen Improvements [$2.3M]
- NEORSD Southerly Renewable Energy Facility [$97.6M]
- DWSD WWTP Sludge Incinerator Improvements [$49M]

Our team's wealth of experience working together as well as experience working with other firms as part of utility project design-build teams offers the County proven processes and lessons learned that will greatly benefit the Lockhart Water Treatment Plant Expansion Project.

Mead & Hunt was also partnered with Archer Western and Wade Trim on the recent City of St. Petersburg's Lift Station 87 project. In addition, Archer Western, Wade Trim, and Mead & Hunt all have worked at various times with the other subcontractors/subconsultants listed on our team to perform similar scopes of work. What we have learned collectively through these projects is that success in collaborative delivery is defined by effective and informed planning, and the team's ability to communicate with all project stakeholders. Our team is committed to working openly and effectively with stakeholders by implementing workshops and smaller group meetings as needed to identify interests and concerns. Workshops and meetings are held both in-person and virtually to allow maximum participation. **In instances where the design-build method is new to owners, it is important that a program of open, effective communication is established from the very first day.**

Initial workshops with all parties are important so everyone understands the process and expectations. This will establish a basis of TRUST that sometimes is lost with the traditional design-bid-build delivery method.

Archer Western has been a leader in collaborative delivery since the early days of Design-Build and CMAR. We have assisted in the development of organizations like Design-Build Institute of America (DBIA) and the Water Design-Build Council (WDBC) to what they are today. We have been instrumental in documenting the best practices that these organizations recommend. **Our vast experience with this type of delivery will provide Hernando County with the assurance of partnering with a team that can successfully deliver this important project on-time and in accordance with the County's quality objectives.**

We also know how important it is to implement an effective written agreement to avoid any unwanted conflicts or legal proceedings, and to promote a clear understanding of the terms between all parties. On all of our collaborative delivery projects, we make it a priority to take the right steps early on with partner agreements so that the owner is assured of working side-by-side with a team that is committed to ensuring the owner's best interests. **Shown in Exhibit 8 below are some of the benefits we have noted from our experience delivering projects under design-build agreements.**

Exhibit 8: Benefits of Design-Build Delivery

Benefits of Design-Build Delivery »

- ✓ Informed decisions
- ✓ Competitive pricing through open-book procurement
- ✓ A construction approach to minimizing disruption
- ✓ Schedule benefits with the contractor at the table during design
- ✓ Tailored facility design for both the County and the community
- ✓ Top quality through continuous engagement of engineer
- ✓ Commissioning that trains staff

The County benefits from being in the driver's seat during the process because you decide the project's specific priorities. As a partner, we will make each priority successful while maintaining the right balance between value, performance, and cost.

Our approach allows for individual decisions to be made at the right time. Procurement is done in a transparent fashion that allows for competitive pricing, and enables the County to get preferred equipment at the lowest price possible.

Throughout the construction process, the engineer and contractor are both heavily engaged, so there is a high level of quality control (QC), to minimize any potential project hurdles. As the facility is commissioned, this approach includes training and start-up, and operational services that allow the new facilities to transition into operation.

Exhibit 9 below lists some of the similar projects delivered during the past 15 years or in progress by our Design-Build Team members, separately and together. This list is offered to provide the County with an "at a glance" reference for the depth of our Design-Build Team's experience with completing projects like the County's Lockhart WTP Expansion project.

Exhibit 9: Similar Project Experience, Past 15 Years—Archer Western and Wade Trim

Team Member | Role	Design-Build Delivery	Treatment Plant	Pump Station	Sodium Hypochlorite	Storage Tank	Power Generation	Evaluation &/or Modeling	Florida Project
Lift Station 87 Wet Weather Flow Transfer Design-Build | St. Petersburg, FL (***AW/WT/MH***)	●		●				●	●
WTUA EQ Basin Expansion and Pump Station Upgrades | Canton, MI (***AW/WT***)	●		●		●	●		
Big Cypress WTP Improvements | Big Cypress Reservation, FL (WT)		●		●	●	●		●
Miller Pumping Station | Naples, FL (AW)			●			●		●
Clear Lake WTP | West Palm Beach, FL (WT)	●	●	●					●
Hugh A. Wyckoff Water Treatment Plant Improvements | Ackworth, GA (AW)		●		●		●	●	
Mitchell WTF Upgrades and Expansion | New Port Richey, FL (WT)		●	●		●			●
DUWA Thermal Biosolids Drying Facility | Wyandotte, MI (***AW/WT***)	●					●		
J.E. Quarles Water Treatment Plant 1 Replacement | Marietta, GA (AW)		●	●		●	●	●	
Big Creek WRF Expansion Progressive Design-Build | Roswell, GA (***AW/WT/MH***)	●					●	●	
Scottsdale CAP WTP Onsite Sodium Hypochlorite Generation | Scottsdale, AZ (AW)		●	●	●	●	●		
Terminal Island WRF Adv. Water Purification Facility Ult. Expansion | Los Angeles, CA (AW)	●			●		●	●	
Spot Pond Water Storage Facility and PS Design-Build | Stoneham, MA (AW)	●		●		●	●	●	
Wylie Water Treatment Plant III Expansion | Wylie, Texas (AW)		●	●		●	●		
Northwest WRF Reject Water Storage Tanks | St. Petersburg, FL (WT)			●		●			●
Central District WWTP Oxygen Production Facility | Miami, FL (WT)	●		●		●			●
Genesee County Water Treatment Plant | Genesee County, MI (WT)		●	●					
Peachtree Creek Southfork WWTP Pump Station (AW)			●		●		●	
Booster Pump Station #25 & Ground Storage Tank | Oklahoma City, OK (AW)		●	●		●	●	●	
Old Pearsall Road Pump Station | San Antonio, TX (AW)		●	●		●	●	●	
Biosolids Dryer Facility | Detroit, MI (WT)	●		●		●			

* (***AW/WT/MH***) *Archer Western + Wade Trim + Mead & Hunt* • (***AW/WT***) *Archer Western + Wade Trim* • *(AW) Archer Western* • *(WT) Wade Trim*

5. DESIGN-BUILD ENGINEERING PAST PERFORMANCE AND ABILITY

[SECTION 6.6]

Section 5 Table of Exhibits

Past Performance in Managing the Design Process

The Archer Western/Wade Trim Design-Build Team will take full advantage of the design-build delivery method for the County's Lockhart WTP Expansion Project. Having the designer and builder work hand-in-hand during project delivery provides many benefits to the County and this project.

Our D-B Team is comprised of professionals who have decades of experience with delivering projects through the design-build method, and understand the benefit of this integrated approach to ensuring a smooth design process. Having the designer and builder working hand-in-hand during delivery of the Lockhart Water Treatment Plant upgrades brings several benefits to Hernando County. **During the design phase, our engineers will develop their designs using an integrated team of designers and construction staff.** Early on, this integrated team will identify construction risks and constructability items that need to be addressed in the design drawings and during the construction phase.

Once construction risks are discussed early in the design phase, **our construction team members will be active participants in reviewing design drawings at each design milestone reached**. They will review the designs against previously identified risks, suggest design improvements, and convey other risks uncovered during our risk mitigation efforts. **As designs are improved, our construction team members will walk the plant in the areas where designs are focused to identify potential obstacles, appraise alternatives, and define potential project improvements.** This information will be brought back to the design team for evaluation and consideration into the final design. This process helps to mitigate unforeseen project costs during construction. **For example, we are aware that Gopher Tortoises are likely present onsite—walking the site early with our WSP environmental specialist will assist us in identifying the potential costs to relocate the tortoises (to be included in our Step 2 GMP.)**

Design Quality Assurance

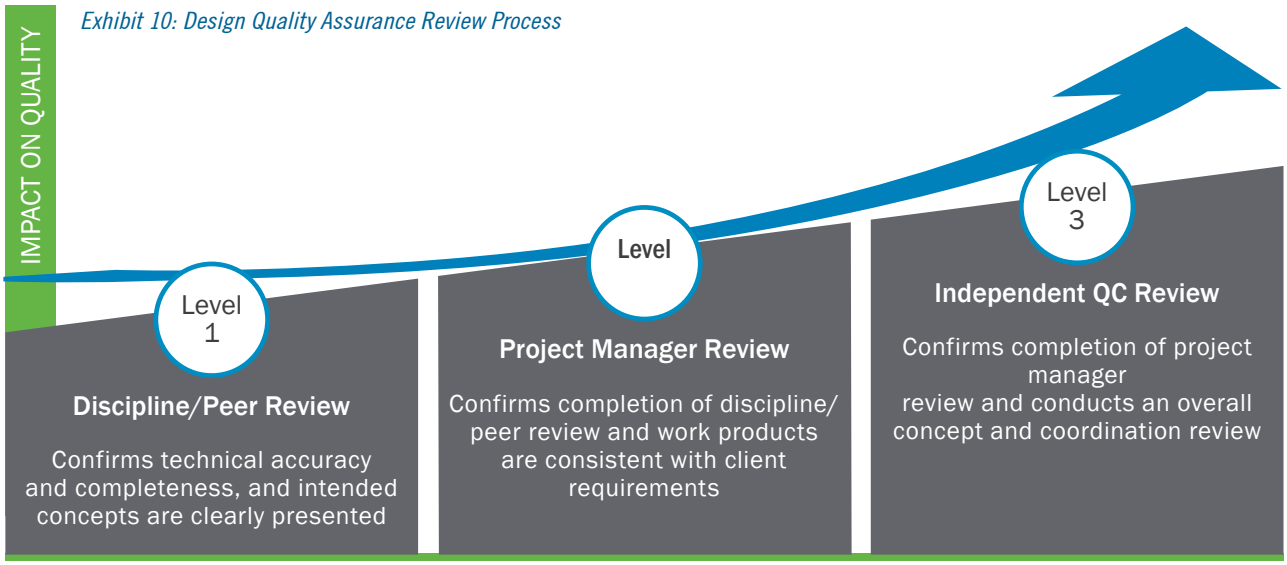
For each deliverable, a quality review form will be filled out and maintained in an electronic file. To ensure quality is being maintained, three levels of quality control review will be instituted. The three levels of review are shown in *Exhibit 10* and are discussed below.

Level 1 Quality Review | Discipline/peer reviews will be conducted to ensure technical accuracy and completeness. Work products such as calculations, draft specifications, and draft drawings will be checked to ensure they clearly present the intended concepts.

Level 2 Quality Review | Task Leads will review all work products for their areas of work to confirm completion of discipline/peer review and work products are consistent with the project and client requirements.

Level 3 Quality Review | The independent QC review is a review of the work products by engineers with an equal or greater experience level than those who prepared it. The independent reviewer will be our QA/QC reviewer, who will conduct an overall concept and coordination review.

Exhibit 10: Design Quality Assurance Review Process



Value Engineering (VE)

Relevant to managing the design process, our D-B Team uses value engineering to identify capital and life-cycle cost-saving ideas that can be incoporated into the design. VE is conducted essentially to reduce costs without degrading required quality. Our team has a systematic approach to VE, as demonstrated by the following examples in *Exhibit 11.*

Lift Station 87 Wet Weather Flow Transfer Design-Build | St. Petersburg, FL

As introduced in Section 4, the Archer Western/Wade Trim Design-Build Team provided Value Engineering services for the Lift Station 87 project that included relocating the force main routing to avoid bus stop locations, relocating sanitary sewer to reduce impacts to the existing system, and evaluating pipe materials to ensure on-time delivery.

The greatest risks to the project's success are those that would compromise the project schedule. Our team planned for and executed a strategy for mitigating these risks through various proactive efforts. These include obtaining long-lead pumps and piping early enough to complete the project within schedule materials, which was supported by an early GMP development for release of these materials.

The result of our team's value engineerig efforts was significant savings to the project totaling $375,000 included:

Diversion Vault	= $100,000
Forcemain Fittings	= $150,000 and 15 weeks lead time
Sanitary Sewer Relocation	= $50,000 and traffic impact reduction
Final Connection Details	= $75,000

Riverbend WRP Expansion | Aubrey, TX

The Riverbend WRF expansion project was a true collaborative effort between the Owner, Upper Trinity Regional Water District, the District's design partner, and Archer Western Construction. The existing water reclamation facility was expanded in order to continue to meet permit requirements. The expansion included an influent pump station sized for peak flow with VFDs; new headworks facility including 15 MGD fine screens, one 20 MGD vortex grit basin with grit pump and classifer, one conveyor, and washer/compactor; and modifcations to convert to aeration basins configured in an anaerobic/oxic (A/O) process.

Upon contract award, our team coordinated multiple value engineering and constructability workshops. The workshop evaluations began with the influent pump station that, at 30% design, was slated for a full expansion to manage future flows. Our team's preconstruction efforts identified potential high-level savings for this element. After careful evaluation, the team decided to incorporate the pumps that would be needed for the final build-out of the pump station, but only constructed a portion of the structure. This ultimately resulted in over $360,000 of savings for the Owner.

Throughout all phases, our team met the Owner's expectations, and delivered an on-time, on-budget GMP project that will support the UTRWD's water reclamation goals for years to come.

Gateway Expressway Design-Build Project | Clearwater, FL

FDOT District 7 selected the joint venture partners led by Archer Western Construction to provide design management, construction, and subcontractor management services for this complex, multi-phase infrastructure project—the largest project ever constructed in District 7. Major elements include 26 bridges with viaducts and flyovers at several major interchanges, express lanes, tolling, complex MSE walls and embankment, soil remediation, undercut walls at landfill, asphalt and concrete pavement, and extensive utility construction and relocation. The project included an early utility relocation package valued at more than $14 million, which has been completed; relocation and installation of multiple force mains along the expressway; and 40,000 LF of new water, reclaimed water and wastewater force mains. **Our team's Kris Samples served as the Engineer of Record for the utility relocations owned by Pinellas County and the City of Largo.**

The team collaborated early in the design process to avoid or minimize any impacts from the relocations. This included comprehensive reviews of the permits and compatibility plans with the expressway design to eliminate the need for second moves of the utilities; it was important that the relocated and new utilities were restored to continue the same or better level of service than what existed prior to construction.

Through value engineering efforts, the team developed and incorporated 9 alternative technical concepts, which contributed to a 13% cost savings over competitors.

Extensive permitting efforts were required and included three FDEP permits, FDOT ROW utilization permit, and a Pinellas County ROW utilization permit. In conjuction with FDOT, the Archer Western team established the first Workforce Development program to hire and train local disadvantaged workers, which has become a model for future major projects throughout the state.

Past Performance with Designing and Permitting Projects of Similar Scope and Complexity

The project examples below demonstrate our D-B Team's experience with designing and permitting similar projects.

Name of Project:

Project Location:

Firm | Role on Project:

Owner/Customer:

Project Description:

Issues/Resolution:

Mitchell WTP Upgrades & Expansion

New Port Richey, FL

Wade Trim | Prime

Florida Governmental Utility Authority (FGUA)

Upgrades to the Mitchell WTP fulfilled a promise FGUA made to Seven Springs customers when the utility was purchased in 2009 from a private owner. For years, residents in the area experienced poor water quality, discoloration, and other aesthetic concerns. The plant was improved and expanded to treat raw water from all of the system wells prior to distribution.

The Seven Springs Water Service District was experiencing three critical issues in its water system: over pumping of source water due to limited capacity; poor quality of effluent causing corrosion, odor, and black water; and system pressure. Wade Trim resolved these issues by designing an expansion to one of the six WTFs to act as the system's sole treatment facility to achieve higher, consistent water quality. To handle the unique chemistry of the multi-well system, raw water was combined to optimize removal of hydrogen sulfide via forced-draft aeration. Pressure filters were designed to remove color and turbidity, and chemical induction was added for disinfection and corrosion control. The project expanded the facility's capacity from 1.0 to 2.04 MGD. Interconnects with Pasco County were also designed and constructed to resolve pressure and capacity issues during peak demand.

Name of Project:

Project Location:

Firm | Role on Project:

Owner/Customer:

Project Description:

Issues/Resolution:

Clear Lake WTP

West Palm Beach, FL

Wade Trim | Sub

City of West Palm Beach

The Clear Lake WTP is a 47-MGD lime softening plant consisting of two surface water withdrawal points that draw water from Clear Lake.

Routine surveillance sampling conducted by the City identified elevated levels of bacteria cultures detrimental to the proper operation of the plant. In response to this, the City mobilized a team of experts, identified the source of the contaminants, and remedied the situation. To further provide long-term sustainable drinking water to its customers, the City procured the services of a program manager to define and implement additional upgrades to the treatment facility. Wade Trim was part of a team of consultants procured by the City to perform these services. As design packages were completed, the Wade Trim Team assisted the City in procuring construction contractors to build the improvements and provided construction administration and inspection. Full-time resident engineering and inspection were provided for each discrete project.

Software Used for Design Services

Wade Trim employs a variety of specialized software to accomplish design tasks, selecting which software provides the most beneficial options for accomplishing these tasks. The following lists some of these software programs and technology options our team typically uses to perform specific design related tasks.

Revit / AutoCAD 3-D Design

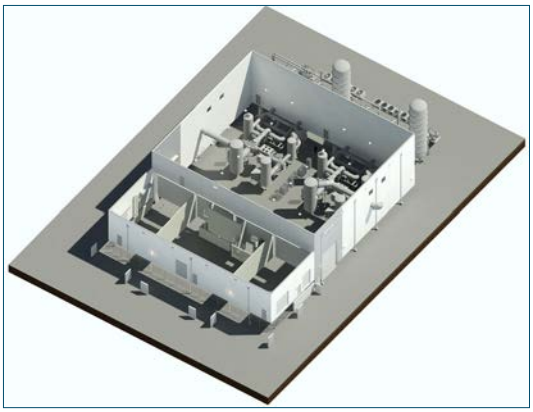
Understanding the benefits of Building Information Modeling (BIM) is essential for any construction project. Our team currently uses Revit and AutoCAD 3D Civil. To facilitate a uniform design model, our team will provide a BIM Project Execution Plan as part of our overall Design Quality Manual. Elements of the plan will include project goals, staff plan, levels of process design, data requirements, model structure, and CAD requirements.

BIM Discipline Coordination

The BIM platform allows our design team to work in the same model concurrently so every discipline gets immediate updates on real-time changes that may affect their design. In addition, this technology allows for a full material take-off and conflict identification, greatly reducing the number of field RFIs due to these historical issues. This software also allows us to easily provide live alternate views, sections, or viewpoints to provide the owner and contractor a visual interpretation of the final product. Our team will conduct joint sessions with the design and construction teams to discuss constructibility, installation, scheduling, and more, allowing for the full extent of collaboration on a project of this type transitioning into an improved, better-organized construction process.

Shown in *Exhibit 12* is an example BIM model for Wade Trim's Central District WWTP Oxygen Production Facility designed for Miami-Dade Water and Sewer Department.

Exhibit 12: BIM Model of WSD Project



Drones/Laser Scanning

Our team has full drone and laser scanning capabilities. This technology allows us to easily get detailed information of the site to provide aerial photography or a full FDOT-level survey. In addition, our laser scanning technology can provide a full vector rendering of tight spaces or room interiors when it is not possible to fly drones. These capabilities can make quick work of challenging surveying areas and provide invaluable images of the existing conditions, work in place, and construction progress.

Hydraulic Modeling

Our team has vast experience in hydraulic modeling in Florida and throughout the United States. We understand that in order to develop a model beneficial to the client, obtaining accurate information is necessary. Doing so will develop a true sense to how the collection/distribution system is functioning. We understand the information needed, where to obtain it and, most importantly, how to use this information to develop an accurate model. Our hydraulic modelers are well-versed in various modeling software–such as WaterGEMS, SewerGEMS, EPANET, and H2ONET–and are willing to share their assessments to choose the best program suited for the County.

Professional Registrations and/or Certifications Relevant to Project Work

Provided in *Exhibit 13* below is a list of professional registrations for our team's three Design-Build Team leaders.

Exhibit 13: D-B Team's Professional Registrations

Design-Build Institute of America (DBIA)	Project Management Professional (PMP)	Professional Engineer	Envision®/ISI Certified (ENV SP)
ARCHER WESTERN			
28	10	52	34
WADE TRIM			
1	1	128	5
MEAD & HUNT			
3		275	6

6. DESIGN-BUILD CONSTRUCTION PAST PERFORMANCE AND ABILITY

[SECTION 6.7]

Section 6 Table of Exhibits

Past Performance with Construction Management and Construction of Projects of Similar Scope and Complexity

Archer Western excels in collaborative construction management, leading teams composed of design engineers and trade specialists to deliver some of the most diverse and complex construction projects in the nation. **A key focus for our team is the use of design-build, CMAR and other methods of collaborative delivery to partner with our clients and provide cost-effective, high-quality construction.** We prioritize capturing and leveraging lessons learned from more than 300 construction management projects to deliver the best value for our clients. In Florida, Archer Western has supported a number of government agencies such as the South Florida Water Management District, Pasco County, City of Tampa, City of St. Petersburg, and the Florida Department of Transportation since the mid-1980's.

Archer Western offers **more than 20 years of design-build delivery**, and **more than 100 years of construction management for water and wastewater utility projects** for munipalities, including nearly 40 years of delivering these types of projects **successfuly to Florida municipalities**.

Our Team's Design-Build Project Manager [**Robert E. (Bob) Bruner, PE, DBIA, ENV SP**] is Archer Western's Florida Area Manager for all water/wastewater work in the state. Bob is a registered professional engineer who has carried DBIA certified professional credentials since 2013; **he has delivered over 100 design-build and CMAR projects throughout his 30-year career.** He has been responsible for leading dual programs of design-build infrastructure improvements as a partner with American Water on high-visibility military installations in the Mid-Atlantic; a key project was replacements of water mains at the National Security Agency (NSA), which mandated that absolutely no service interruptions to any facility were allowed.

Bob was also the project executive over a drinking water plant project that won the DBIA National Utility Project of the Year in 2010. Having led design-build teams to resolve some of our clients' biggest water and wastewater utility challenges, Bob will provide our team with the vision, leadership and proven experience to successfully deliver this project to Hernando County.

Shown in *Exhibit 14* on the next page is a **list of some of the projects Archer Western has delivered through design-build and other collaborative delivery method**s in Florida and throughout the U.S. On the succeeding pages are **examples of Archer Western's performance** on several of these collaborative delivery projects.

Archer Western Construction

#1 Water Treatment Plant Builder

#4 Wastewater Treatment Plant Builder

300+
Water/Wastewater Facility Projects
Past 20 Years

122
Years of Experience
Walsh Group

20
U.S. Offices
Tampa, Florida

Exhibit 14: Partial List of Archer Western Collaborative Construction Management Projects (Design-Build, Progressive Design-Build or Construction Management at-Risk)

Project	Client
Lift Station 87 Wet Weather Flow Transfer	City of St. Petersburg
L-8 Reservoir Pump Station/Inflow Structure	South Florida Water Management
Gateway Expressway Design-Build (includes Early Utility Package)	Florida Department of Transportation
All Aboard Florida-Miami to West Palm Beach	All Aboard Florida Operations, LLC
Howard Frankland Bridge Replacement	Florida Department of Transportation
All Aboard Florida-New River Bascule Bridge	All Aboard Florida Operations, LLC
Miami SR 836/I-395 Signature Bridge D-B JV	Florida Department of Transportation
All Aboard Florida-WPB Running Rail Facility	All Aboard Florida Operations, LLC
Broward I-95 Express Lanes Phase 3C D-B JV	Florida Department of Transportation
I-95/I-295 North Interchange	Florida Department of Transportation
I-95 Concrete/Paving	Florida Department of Transportation
Crosstown Parkway Extension	City of Port St. Lucie
Daytona I-95/I-4 Interchange	Florida Department of Transportation
WTUA Equalization Basin Expansion and Pump Station Improvemenst	Western Townships Utilities Authority
Spot Pond Water Storage Facility and Pump Station Design-Build	Massachusetts Water Resources Authority
Big Creek WRF Expansion Phases 1B, 2A, and 2B	Fulton County
Clear Creek West Sewer Improvement	City of Atlanta
Johns Creek Environmental Campus	Fulton County Department of Public Works
Leonard WTP Raw Water Pump Station	North Texas Municipal Water District
PDB Thermal Biosolids Drying Facility	Downriver Utility Wastewater Authority
Nashville Central Biosolids and WWTP Facility	Nashville Metropolitan Water Services
Tolleson WWTP Ammonia Removal Improvements	City of Tolleson
Riverbend Water Reclamation Plant Expansion	Upper Trinity Regional Water District
UTRWD Parallel Pipeline	Upper Trinity Regional Water District
Terminal Island WRP Advanced Water Purification Facility Ultimate Expansion	City of Los Angeles Bureau of Engineering
Hyperion WRP Advanced Water Purification Facility, Phase I	City of Los Angeles
Mel Leong Treatment Plant Industrial Wastewater & Recycled Water Upgrades	San Francsco Airport Commission
Olympic Well Field Restoration and Arcadia WTP Expansion	City of Santa Monica
Cutter Lateral Reach 21 WTP	U.S. Dept of Interior Bureau of Reclamation
Marana Airline-Lambert and Picture Rocks Water Treatment Campuses	Town of Marana
Park Cities WTP Membrane Facility	Dallas County Park Cities Municipal Utility District
Thomas Groundwater Treatment Facility	City of Scottsdale
North WRF Expansion	Town of Erie
Manganaro Lift Station Improvements	City of Chandler
North WRF Expansion	Town of Erie
Scottsdale AWT Facility Expansion	City of Scottsdale
Sanitary Sewer Relief & Replacement	City of Phoenix
Scottsdale Hydrogen Sulfide Odor Mitigation Project	City of Scottsdale
North Gateway Pump Station and Force Main	City of Phoenix
Tucson Downtown Infrastructure Improvements Project	City of Tucson
Northeast Sewage Pump Station	Oakland Macomb Interceptor Drain Drainage Dist.
Mona Wastewater Treatment Plant	City of Mona
San Jose Digested Sludge Dewatering Facility	City of San Jose
Goodyear Raw Water Pump Station and Surface Water Treatment Facility	City of Goodyear
Village Creek WRF Biosolids Management Project	Fort Worth Water Department
Agua Nueva Water Reclamation Facility	Pima County
Garland Road Elevated Storage Tank	City of Dallas
PC-791 Incinerator AQC Upgrades	Detroit Water and Sewerage Department
Woodmark Wastewater Treatment Plant Expansion	Liberty Water
Lake Livingston Hydroelectric Plant	East Texas Electric Cooperative
Lower Bois d'Arc Creek Reservoir	North Texas Municipal Water District
LaGuardia Terminals Redevelopment Force Main	Port Authority of New York and New Jersey

Archer Western/Wade Trim Design-Build Team Past Performance & Approach Elements

Realizing how critical it will be for the D-B Team to meet the County's schedule for this project while also protecting and maintaining operations at the Lockhart WTP, our D-B Team has already begun to plan and develop project sequencing. The Archer Western/Wade Trim Design-Build Team is fully invested in the success of this project, and has developed informed and practical strategies for the construction work that will be performed. This includes an intelligent approach to the sequencing of work in order to minimize the impact on facility operations.

Thorough planning during design and preconstruction phases that includes early identification and resolution of risks is the key to effective risk management—the value of this proactive approach to risk management is most keenly observed in relation to maintaining plant operations. Our team will lead this risk management planning, working collaboratively with the County from the very beginning to identify key risk factors for all phases of the project. We will develop a Risk Register to provide a guide for establishing actions to reduce, mitigate and/or eliminate these potential risks.

The following are examples of our D-B Team's experience with construction management and delivery of projects of similar scope and complexity in relation to:

1. **Approach to Sequencing Construction Activities to Maximize Efficiency and Minimize Impact on the County**
2. **Assessing Whether the Design-Builder has Achieved Performance Requirements**
3. **Change Orders**
4. **Configuration, Commissioning, and Testing Projects of Similar Scope and Complexity**

Name/Location of Project:

WTUA EQ Basin Expansion and Pump Station Upgrades | Canton, MI

Firm | Role on Project:

Archer Western and Wade Trim

Owner/Customer:

Western Township Utility Authority (WTUA)

Description:

The Great Lakes Water Authority (GLWA) provides water and sewer services for the majority of county entities in Southern Michigan. The Western Township Utility Authority (WTUA), one of these entities, required additional storage capacity and pump station upgrades in order to maintain quality service. The authority had a difficult experience with change orders and a number of disagreements in its prior traditional design-bid-build project. In order to have a collaborative working relationship where WTUA could work with a team to obtain the preferred design and equipment, WTUA opted to pursue a progressive design-build delivery for this project.

2 WTUA chose the design-build team of Archer Western and Wade Trim to deliver its first progressive design-build project. The **Phase 1 budget was met with no change orders other than owner-requested**, which included the pre-purchase of valves and a pre-stressed concrete tank in order to speed up the project schedule.

3

The project included construction of a new 3 million gallon (MG) storage tank connecting two existing structures. The new tank ties into existing mains with ductile iron piping. Included in the project were electrical and SCADA upgrades to an existing nearby pump station, cosmetic improvements to the pump station structure, and other ancillary upgrades to the pump station.

1 During preconstruction and prior to the 30% design, WTUA requested our team work with the designer to evaluate several different tank alternatives (10 in fact) to come up with the best overall value. It included several different types: completely buried, partially buried, above-grade, circular, rectangular, cast-in-place, prestressed, top, no-top, etc. The design-build team worked together through all alternatives and scored them based on price, schedule, aesthetics, risk and a number of other factors. The client was then able to make informed decisions based on best value and not just price.

2 The biggest risk on the project revolved around the need for a complete SCADA upgrade. WTUA operates on three separate sites; over the years the instrumentation upgrades had been completed by multiple different firms with very little as-built data. The servers wouldn't communicate well and it created a lot of problems for WTUA. Walsh worked with WTUA to coordinate all of this SCADA upgrade scope as an early work package and as a phased approach with all of their different sites. Our instrumentation subcontractor built the new equipment in their shop, factory tested it, and then installed each individual site PLC one by one and integrated each new panel with the new SCADA interface before moving to the next panel. This process worked very well and make WTUA much more comfortable with the operation and we were able to deliver their new SCADA interface scope well before the rest of the project was completed.

4

Name/Location of Project:

Johns Creek Environmental Campus | Alpharetta, GA

Firm | Role on Project:

Archer Western | Design-Build Prime Contractor

Owner/Customer:

Fulton County Department of Public Works

Description/Scope of Work:

The Johns Creek Environmental Campus (JCEC) is a 15 MGD design-build advanced wastewater treatment facility on a 48-acre tract of land bordered by a high-end residential subdivision, a very busy roadway, and the Chattahoochee River. The facility replaced the nearby existing Johns Creek WWTP in Roswell, which was decommissioned and demolished once the new plant came on-line. JCEC employs leading edge membrane bioreactor (MBR) technology to treat wastewater to levels suitable for discharge into approved trout waters and the reuse water distribution system in north Fulton County.

Retaining the beauty of the JCEC environment and demonstrating value to the surrounding communities was vital to the approach to designing and constructing the project. This showcase plant is a completely enclosed facility that has architectural elements giving it the appearance of a historic mill complex located on the Chattahoochee River. The site has become a shared use park and nature center with the City of Roswell; it includes a cascading reuse water stream and pond with an interpretive nature trail including a reproduction of a covered bridge. The new facility uses low impact design elements that incorporate sophisticated noise and odor abatement features/technologies to limit the noise and odor to background levels within 25 feet of the buildings. In addition, an educational lecture hall, classroom and teaching lab were constructed to educate local school children about wastewater treatment and the impact of water quality on the local environment and the Chattahoochee River.

1 Along with full construction services, Archer Western provided preconstruction services (including design package development), estimating, scheduling, subcontractor management, value analysis, QA/QC, safety, traffic control, bonds, permits, insurance, and general construction.

Challenges & Resolutions:

4 The JCEC was the largest MBR facility in North America at the time of its commissioning. Our team's design build approach included delivering the design, construction, and start-up services required in less than 36-months, and allowing a four-month operational period to demonstrate to Fulton County that the facility's O&M costs were in line with projections. Our team was active in constructability reviews as well as project sequencing and phasing plans designed to match the County's funding streams.

Meeting stringent effluent standards was a challenge that the design-build team addressed by incorporating redundant process equipment at peak flows throughout the plant into the state-of-the-art design.

3 The design-build team coordinated closely with the Owner, Fulton County DPW, to ensure the County's goals were met at each stage of the project. The team responded to the County's feedback at each stage and continually sought ways to improve efficiency and exceed the County's expectations.

2 **The plant was configured to be highly compact and automated to built with a common wall structure that uses rectangular tanks and eliminates the need for piping and valves between treatment components—saving Fulton County $9 million in capital investment.**

Evident in the design-build team's performance is the accomplishment of creating a campus-like treatment facility through low-impact design elements, the educational center, historic park, and construction methods that minimized disruption of the environment as well as the surrounding communities. Delivery of the JCEC project ultimately provided the aesthetic appeal that the County required, and that was embraced by the residents of this northeast metro Atlanta area.

2 **Since the facility's opening, there have been zero odor or noise complaints by neighboring communities, which was critical to project success. Additionally, the facility has produced effluent that is of significantly better quality than the stringent regulatory requirements. High-quality reuse water is also used for irrigation, fire protection and plant water.**

Name/Location of Project:

Hyperion WRP Advanced Water Purification Facility, Ph I | Los Angeles, CA

Firm | Role on Project: Archer Western | Progressive Design-Build Prime Contractor

Owner/Customer: City of Los Angeles

Description/Scope of Work:

Hyperion AWPF Project is a Progressive Design-Build (PDB) Project with the goal of supplying purifed water to Los Angeles World Airports (LAWA) for use as fushing water at one of their new terminals. Archer Western/Walsh was the Prime for this progressive design-build project to add a 1.5 MGD Advanced Water Purification Facility (AWPF) at the existing Hyperion Water Relcamation Plant (WRP) to treat primary effuent to Title 22 standards. With a total capacity of 250 MGD, the Hyperion WRP is the largest wastewater treatment plant west of the Mississippi River, and one of the largest such facilities in the world. The new AWPF will treat effluent from the Hyperion WRP to provide high-quality, nitrified-denitrified (NDN) recycled water suitable for all reuse applications envisioned by LASAN, and supply purified water to Los Angeles World Airports (LAWA) for a new terminal.

1 The work was performed in two separate phases. The first phase included pilot design of the AWPF with a 250,000-gallon concrete water storage tank, and pump stations for transfer of product water for various uses. The design included various treatment processes such as membrane bioreactor (MBR), reverse osmosis (RO), ultraviolet (UV) and advanced oxidation process (AOP), as well as product water conditioning. Phase 1 also included site preparation, and demolition of an existing dissolved air flotation (DAF) facility.

2 4 Phase 2 will include construction of the AWPF, an extended (two-year) commissioning period, and operation services for the new facility. The AWPF is a vital part of meeting the City's goal of recycling 100% of wastewater/treated water at the plant by 2035.

1 The design and construction of the new AWPF had to meet strict schedule requirements in order to meet the needs of LAWA. In order to meet this challenge, the PDB team began demolition work early in order to allow time to deal with the "expected" unknowns at the existing Hyperion WRP. This proved helpful as the team discovered over 50 unknown utilities and used the time gained by starting early to still complete demolition activities on time.

2 3 **Phase I included approximately $5 million in demolition work and, while working around numerous unknown existing utilities, this scope of work was completed succesfully and with the added bonus of returning to the Owner approximately $75,000 in cost savings.**

Name/Location of Project:

Scottsdale AWT Facility Expansion | Scottsdale, AZ

Firm | Role on Project: Archer Western | CMAR Prime

Owner/Customer: City of Scottsdale

Description/Scope of Work:

The AWT Facility Expansion project consisted of an 8 MGD expansion to the existing AWT Facility to increase the capacity to 20 MGD. This included extension of the reverse osmosis building with new two-stage 16" RO skids and related pumps, new ultraviolet (UV) system, an onsite sodium hypochlorite generation system to replace the existing gas feed system, new ozone disinfection system and liquid oxygen (LOX) storage facility to replace the existing chlorine contact basins, new operations building, and improvements to water quality compliance points. The work also included modifications to the existing backwash facilities, demolition and expansion of the microfiltration facility, expansion of recharge wells, installation of reuse water blending facilities, electrical and control system as well as yard piping modifications and improvements.

Challenges & Resolutions:

1 3 Since this project was built in an existing operating treatment plant, the most critical issue was ensuring that the existing plant was not affected by the modifications. We developed Maintenance of Plant Operations (MOPO) sheets to schedule tie-ins and modifications to the plant, allowing us to foresee and plan for obstacles. We collaborated with the Owner and Engineer to prepare backup plans in case of unforeseen problems.

2 4 **The result was a successful project with no start-up/commissioning issues and no complications with tie-ins at the existing facilities.**

7. SECTION IV REQUIRED FORMS AND ADDENDA

SECTION IV REQUIRED FORMS

ATTACHMENT 2

FIRM'S CERTIFICATION

I have carefully examined the Request for Qualifications (RFQ/SOQ), all attachments and exhibits, and any other documents accompanying or made a part of this invitation.

I agree that my SOQ will remain firm for a period of up to one hundred and eighty (180) days in order to allow the County adequate time to evaluate the submittals. Furthermore, I agree to abide by all conditions of the RFQ.

I certify that all information contained in this SOQ is truthful to the best of my knowledge and belief. I further certify that I am a duly authorized to submit this SOQ on behalf of the Firm as its act and deed and that the Firm is ready, willing and able to perform if awarded the Contract.

I further certify that this SOQ is made without prior understanding, agreement, connection, discussion, or collusion with any person, firm or corporation submitting a SOQ for the same product or service; no officer, employee or agent of the Hernando County BCC or of any other Offeror interested in said SOQ; and that the undersigned executed this Offeror's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

I further certify that having read and examined the specifications and documents for the designated services and understanding the general conditions for Contract under which services will be performed, does hereby propose to furnish all labor, equipment, and material to provide the services set forth in the RFQ.

I hereby declare that the following listing states any clarifications, any and all variations from and exceptions to the requirements of the specifications and documents. The undersigned further declares that the "work" will be performed in strict accordance with such requirements and understands that any exceptions to the requirements of the specifications and documents may render the Offeror's Proposal non-responsive.

NO EXCEPTIONS ALLOWED AFTER THE RFQ IS SUBMITTED:
Please check one:

☒ I take NO exceptions.
☐ Exceptions:

_____

_____

_____

(If more space is needed, please indicate exceptions here and attach additional pages as needed)

Duane Petersen, Vice President		08/23/2021
Name & Title	Signature	Date

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 3

DRUG FREE WORKPLACE CERTIFICATE

I, the undersigned, in accordance with Florida Statute 287.087 (Current Edition), hereby certify that,
(print or type name of firm) Archer Western Construction, LLC

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the Workplace named above, and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the workplace, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or Contractual services that are under contract a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under Proposal or Proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas of guilty or nolo contendere to, any violation of Chapter 893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the workplace, no later than five (5) days after such conviction, and requires employees to sign copies of such written statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free workplace through the implementation of the Drug Free Workplace program.
- "As a person authorized to sign this statement, I certify that the above-named business, firm or corporation complies fully with the requirements set forth herein".

Duane Petersen, Vice President — Authorized Signature

08/23/2021
Date Signed

State of: Georgia
County of: Cobb
Sworn to and subscribed before me this 23rd day of August, 2021
Personally known ✓ or Produced Identification _____
(Specify Type of Identification)

Lorrie L. Tabar
Signature of Notary
My Commission Expires: 08/27/2021

Lorrie L Tabar
My Comm. Expires 08/27/2021

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 4

AFFIDAVIT OF NON-COLLUSION AND OF NON-INTEREST OF HERNANDO COUNTY EMPLOYEES

Duane Petersen, * being first duly sworn, deposes and says that he (it) is the Offeror in the above RFQ, that the only person or persons interested in said RFQ are named therein; that no officer, employee or agent of the Hernando County Board of County Commissioners (BOCC) or of any other Offeror is interested in said RFQ; and that affiant makes the above SOQ with no past or present collusion with any other person, firm or corporation.

Affiant Duane Petersen, Vice President
Archer Western Construction, LLC

STATE OF Georgia
COUNTY OF Cobb

The foregoing instrument was acknowledged before me this 23 day of August 20 21
by Duane Petersen, who is personally known to me or who has produced _____ as identification and who did take an oath.

Notary Public
My Commission Expires: 06/27/2024

My Comm. Expires 08/07/2024

*NOTICE: State name of Offeror followed by name of authorized individual (and title) that is signing as Affiant. If Offeror is an individual, state name of Offeror only.

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 5

SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a), (CURRENT EDITION) FLORIDA STATUTES, IN PUBLIC ENTITY CRIMES

1. This sworn statement is submitted to

County of Hernando

by Duane Petersen, Vice President
[print individual's name and title]

for Archer Western Construction, LLC
[print name of entity submitting sworn statement]

whose business address is 4343 Anchor Plaza Pkwy, #155 | Tampa, FL 33634

(if applicable) its Federal Employer Identification Number (FEIN) is 27-0887868
(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement):

2. I understand that a "public entity crime" as defined in Paragraph 287.133 (1)(g) (Current Edition), Florida Statutes, means a violation of any public entity or with an agency or political subdivision of any other State or of the United States, including, but not limited to, any Proposal or Contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that *"convicted"* or *"conviction"* as defined in Paragraph 287.133 (1)(b) (Current Edition), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an *"affiliate"* as defined in Paragraph 287.133 (1)(a) (Current Edition), Florida Statutes, means:
   a. A predecessor or successor of a person convicted of a public entity crime; or
   b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term *"affiliate"* includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.
5. I understand that a *"person"* as defined in Paragraph 287.133(1)(e) (Current Edition), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding Contract and which Proposals or applies to Proposal on Contracts for the provisions of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement: [indicate which statement applies]

X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

__ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there

has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted Firm list [attach a copy of the final order].

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31, OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT.

[signature] [date]

Duane Petersen, Vice President

STATE OF ~~**FLORIDA**~~ Georgia
COUNTY OF Cobb
PERSONALLY APPEARED BEFORE ME, the undersigned authority

Duane Petersen who, after first being sworn by me, affixed his signature in the space
[Name of Individual Signing]
provided above on this 23 day of August, 2021

NOTARY PUBLIC

My commission expires: 08/27/2021

Lorrie L Taber
My Comm. Expires 08/27/2021

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 6

FIRM INFORMATION

Your SOQ may be disqualified if the following Firm information is not returned with your SOQ.

Firm Name: Archer Western Construction, LLC

Mailing Address: 4343 Anchor Plaza Pkwy, #155 | Tampa, FL 33634

Telephone No. 813.849.7500 Fax No. 813.849.7581

Email Address: dpetersen@walshgroup.com Web Address: walshgroup.com

Firm is:
( ) Corporation
(X) Partnership
( ) Sole Proprietorship
( ) Other _____(Explain)

Federal Employer Identification
Number or Social Security Number: 27-0887868

Do you collect Florida State Sales Tax? ( ) Yes (X) No

AUTHORIZED SIGNATURES/NEGOTIATORS

The Firm represents that the following persons are authorized to sign and/or negotiate Contracts and related documents to which the Offeror will be duly bound:

Name	Duane Petersen	Title	Vice President	Phone No.	623.703.1362
Name		Title		Phone No.	
Name		Title		Phone No.	

Commodity or Service Supply: construction services

If Firm is quoting, as a manufacturer's representative and the purchase order should be addressed to the manufacturer in care of the Firm, so indicate.

If remittance address is different from the mailing address so indicate below.

Submitted by (SIGNATURE): _____

Name & Title Printed: Duane Petersen, Vice President

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 7

HERNANDO COUNTY E-VERIFY CERTIFICATION

RFQ No: 21-R00076/PH

Financial Project No(s): _____

Project Description: Design-build of Lockhart WTP Expansion Project

_____

Firm acknowledges and agrees to the following:

Firm shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:

1. **All persons employed by the Firm during the term of the Contract to perform employment duties within Florida; and**
2. **All persons, including Sub-Contractors, assigned by the Firm to perform work pursuant to the Contract with the Department.**

Firm: Archer Western Construction, LLC

Authorized Signature: _____

Print Name: Duane Petersen

Title: Vice President

Date: _____

This document must be completed and returned with your Submittal

SECTION IV REQUIRED FORMS

ATTACHMENT 8

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Firm Name: Archer Western Construction, LLC

Firm FEIN: 27-0887868

Firm's Authorized Representative Name and Title: Duane Petersen, Vice President

Address: 4343 Anchor Plaza Pkwy, #155

City: Tampa State: Florida Zip: 33634

Phone Number: 623.703.1362

Email Address: dpetersen@walshgroup.com

Section 287.135 (Current Edition), Florida Statutes, prohibits agencies from contracting with companies for goods or services of $1,000,000.00 or more, that are on either the Scrutinized Companies with Activities in Sudan list, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector lists which are created pursuant to s. 215.473 F.S. (Current Edition), or the Scrutinized Companies that Boycott Israel list, created pursuant to s. 215.4725 F.S. (Current Edition), or companies that are engaged in a boycott of Israel or companies engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Firm, I hereby certify that the company identified above in the section entitled "Firm Name" is not listed on either the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector list, or the Scrutinized Companies that Boycott Israel list. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135 (Current Edition), Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs and does not have business operations in Cuba or Syria.

Certified by: 

who is authorized to sign on behalf of the above-reference Firm.

Print Name and Title: Duane Petersen, Vice President

Date: 08/23/2021

SECTION IV REQUIRED FORMS

ATTACHMENT 9

VENDOR REGISTRATION HERNANDO COUNTY, FL

To be completed by vendor:
Vendor type:
( ) Corporation
(X) Partnership
( ) Sole Proprietorship
( ) Other _____(Explain)

Federal Employer Identification
Number or Social Security Number: 27-0887868
Please attach your completed W-9 Form
PAYMENT WILL NOT BE MADE UNTIL A COMPLETED W9 HAS BEEN RECEIVED.

Firm Name: Archer Western Construction, LLC

Mailing Address: 4343 Anchor Plaza Pkwy, #155

City Tampa State Florida Zip 33634

Telephone No. 813.849.7500 Fax No. 813.849.7581

Web Address: walshgroup.com EMail: dpetersen@walshgroup.com

Commodity or Service Supply: construction services

If remittance address is different from the mailing address so indicate below.

Firm Name: _____

Mailing Address: _____

City_____State_____Zip_____

An ACH electronic payment method is offered as an alternative to a payment by physical check.
(X) Please check this box if you accept the ACH electronic payment method.
(Recommended and Preferred)

Signature: _____

Name & Title Printed: Duane Petersen, Vice President

SECTION IV REQUIRED FORMS

ATTACHMENT 10

ADDENDUM ACKNOWLEDGEMENT

The undersigned acknowledges receipt of the following addenda to the Request for Qualifications (indicate number and date of each):

Addendum No. 1 Dated July 27, 2021

Addendum No. 2 Dated August 16, 2021

Addendum No. 3 Dated August 20, 2021

Addendum No. _____ Dated _____

FAILURE TO SUBMIT ACKNOWLEDGEMENT OF ANY ADDENDUM THAT AFFECTS THE SCOPE IS CONSIDERED A MAJOR IRREGULARITY AND MAY BE CAUSE FOR REJECTION OF ANY SOQ.

VENDOR SURVEY

Please provide information on where you received the knowledge of the Request for Qualifications (mark all that apply):

☒ **BIDNET DIRECT**

☐ **NEWSPAPER**

☐ **PURCHASING AND CONTRACTS ADVERTISEMENT BOARD**

☐ **REFERRED BY:** _____

☐ **OTHER (PLEASE SPECIFY):** _____

Signature Duane Petersen, Vice President 08/23/2021 Date

This document must be completed and returned with your Submittal

ATTACHMENT 11

HERNANDO COUNTY EMPLOYMENT DISCLOSURE CERTIFICATION STATEMENT

August 23, 2021
(date)

Hernando County
Purchasing and Contracts
1653 Blaise Drive
Brooksville, FL 34601

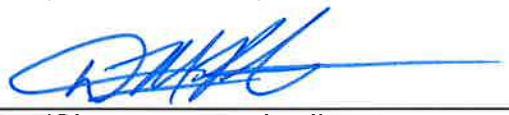
The undersigned certifies that to the best of his/her knowledge:

Is any Officer, Partner, Director, Proprietor, Associate or Member of the Business Entity a former employee of Hernando County within the last two (2) years? No [X] Yes [ ]

Is any Officer, Partner, Director, Proprietor, Associate or Member of the Business Entity a Relative or Member of the Household of a current Hernando County Employee that had or will have any involvement with this Procurement or Contract Authorization? No [X] Yes [ ]

If the answer to either of the above questions is "Yes", complete the "Relatives and Former Hernando County Employees - Roles and Signatures" table (Part A and/or Part B, as applicable).

Bidder: Archer Western Construction, LLC

dpetersen@walshgroup.com (Email address)	4343 Anchor Plaza Pkwy, #155 Tampa, FL 33634 (Address)
 (Signature required)	813.849.7500 (Phone)
Duane Petersen (Print name)	813.849.7581 (Fax)
Vice President (Print title)	27-0887868 (Federal Taxpayer ID Number)

NOT APPLICABLE

Relatives and Former Hernando County Employees – Roles and Signatures

Part A: Employees that left Hernando County in the last two years.			
Employee Name/Signature	**Job Performed for Hernando County**	**Current Role with Business Entity**	**Date Left Hernando County**
Name:___________________________ Sign: ___________________________ • Involved with this Procurement on behalf of Hernando County? No ☐ Yes ☐ • Involved with Proposal development for this Procurement? No ☐ Yes ☐			
Name:___________________________ Sign: ___________________________ • Involved with this Procurement on behalf of Hernando County? No ☐ Yes ☐ • Involved with Proposal development for this Procurement? No ☐ Yes ☐			
Name:___________________________ Sign: ___________________________ • Involved with this Procurement on behalf of Hernando County? No ☐ Yes ☐ • Involved with Proposal development for this Procurement? No ☐ Yes ☐			

Part B: Identify Officers, Partners, Directors, Proprietors, Associates or Members of the Business Entity that are Relatives or Members of the Household of Hernando County employees currently working for Hernando County, if Hernando County employee had or will have any involvement with this Procurement of Contract.

Firm Officer, Partner, Director, Proprietor, Associate or Member Name	Name and Relationship of Relative or Member of Household Employed at Hernando County	Role at Hernando County	Hernando County employee's Role with this Procurement

(Make copies of this form as needed to list additional employees.)

LR 19-312

ADDENDUM NO. ONE (1)

TO
THE CONTRACT DOCUMENTS FOR

DESIGN-BUILD OF LOCKHART WATER TREATMENT PLANT RFQ

IN
HERNANDO COUNTY, FLORIDA
SOLICITATION NO. 21-R00076/PH

PROPOSAL DUE DATE: AUGUST 18, 2021

NOTICE

PROPOSERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF THIS ADDENDUM IN THE SPACE PROVIDED AND RETURNED AT THE TIME OF THE PROPOSAL DUE DATE.

TO ALL PLANHOLDERS:

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for **DESIGN-BUILD OF LOCKHART WATER TREATMENT PLANT RFQ** located in Hernando County, as fully and completely as if the same were fully set forth therein:

SHAREPOINT LOG-IN INFORMATION:

https://mckimcreed.sharepoint.com/sites/teams/water/LockhartWTP

Username: HernandoCountyWTP@mckimcreed.onmicrosoft.com

Password: Qaj40601

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY

Acknowledged

Patty Hall
Purchasing Coordinator

Issued: July 27, 2021

ADDENDUM NO. TWO (2)

TO
THE CONTRACT DOCUMENTS FOR

DESIGN-BUILD OF LOCKHART WATER TREATMENT PLANT RFQ

IN
HERNANDO COUNTY, FLORIDA
SOLICITATION NO. 21-R00076/PH

PROPOSAL DUE DATE: ~~AUGUST 18, 2021~~ SEPTEMBER 15, 2021

NOTICE

PROPOSERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF THIS ADDENDUM IN THE SPACE PROVIDED AND RETURNED AT THE TIME OF THE PROPOSAL DUE DATE.

TO ALL PLANHOLDERS:

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for **DESIGN-BUILD OF LOCKHART WATER TREATMENT PLANT RFQ** located in Hernando County, as fully and completely as if the same were fully set forth therein:

The Proposal Due Date has been changed to September 15, 2021 at 3:00 (local time).

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY

Acknowledged

Patty Hall
Purchasing Coordinator

Issued: August 16, 2021

ADDENDUM NO. THREE (3)

TO
THE CONTRACT DOCUMENTS FOR

DESIGN-BUILD OF LOCKHART WATER TREATMENT PLANT RFQ

IN
HERNANDO COUNTY, FLORIDA
SOLICITATION NO. 21-R00076/PH

PROPOSAL DUE DATE: ~~AUGUST 18, 2021~~ SEPTEMBER 15, 2021

NOTICE

PROPOSERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNATURE AT THE BOTTOM OF THIS ADDENDUM IN THE SPACE PROVIDED AND RETURNED AT THE TIME OF THE PROPOSAL DUE DATE.

TO ALL PLANHOLDERS:

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for **DESIGN-BUILD OF LOCKHART WATER TREATMENT PLANT RFQ** located in Hernando County, as fully and completely as if the same were fully set forth therein:

A. QUESTIONS AND ANSWERS

1. Question: There are duplicate and sometimes conflicting instructions in the RFQ on formatting and contents of the Offeror's SOQ response. Pages 9-13 of the RFQ lists the "SOQ Documentation Requirements" with further instructions provided on page 14. But the formatting and organization of SOQ information begins again with pages 43-55 DBIA Standard Form of Request For Qualifications. In comparing the instructions on previous pages of the RFQ with the DBIA Standard Form of Request for Qualifications beginning on page 43, there are some discrepancies between the two versions:

   a) Slight difference in the package labeling instructions ("Sealed SOQ for…" on page 3 vs. "Sealed Proposals for…" on page 45.

      Answer: Either title is fine.

   b) Nature of submission as defined by page 1 of the RFQ as: one Original, four Copies, and one PDF on CD or Flash drive. Page 45 instructions omits the required digital version on CD or Flash drive. It is assumed that the page 1 instructions are correct; please revise pages 1, 3 and 14 instructions if that is not accurate.

      Answer: One PDF on a CD or Flash Drive is required.

   c) Section 4.2 SOQ Organization on pages 52-53 list the first two elements to address in the SOQ (Letter of Interest, and Minimum Qualifications]. But 4.2.2 references three parts [ability to provide P&P Bond, ability to meet insurance requirements, and verification that Offeror's EMR is less than 1] and section 5 on page 53 lists only the first two, omitting the required verification of EMR. It is assumed that the EMR information is required; please clarify if that is not accurate.

Answer: The Experience Modification Rate (EMR) is required.

d) Section 6.3 states that "emphasis will be placed on past performance and expertise in performing substantive work on projects that are of similar scope and complexity as described in the definitions above; but no specific definitions were provided in this section or in any RFQ attachments. Please see Question 2 below that also relates to this discrepancy.

Answer: Required information regarding Demonstrated History of Other Projects Similar in Scope and Complexity are provided in Section 6.5. Section 6.3 should read: "…as described in ~~the definitions above~~ Section 6.5."

e) What is required to follow Team Organization and Location in the SOQ response is unclear. Section 6.4 (page 12) specifies 10 items that are required in descriptions of projects in the SOQ response. This precedes the 6.5 "Demonstrated History of Other Projects Similar in Scope and Complexity" section. In addition, the organization of "Technical and Management Qualifications" in 5.2.3 (page 10) only lists the "Demonstrated History of…" to follow Team Organization and Location with no reference to what is described in section 6.4. It appears section 6.4 is a subsection of instructions related to what will be provided in response to 6.5 requirements; therefore, it is assumed that what is expressed in sections 6.4 and 6.5 are to be combined in one ""Demonstrated History of Other Projects Similar in Scope and Complexity" section in the SOQ response. Please verify that this assumption is correct and the SOQ response to 6.4 and 6.5 is NOT to be provided as two sections of project experience examples.

Answer: Per Section 6.4, "The information required in this section can either be provided in a separate section of the SOQ, in the narrative for each of the evaluation criteria in Section 4.3, or the Offeror can provide a separate table for the identified Projects." Combining the information requested in section 6.4 into section 6.5, or another applicable section of the SOQ is acceptable, as would be creating a separate table for this information, or creating a separate section altogether. Please note, should you create a separate section in your SOQ for the information required in Section 6.4, it would be subject to the two (2) pages per project limit described in Section 5.1.3.1.5 (and not count toward the maximum twenty (20) page limit of the SOQ). Should you choose to combine the information requested in Section 6.4 with another section of your SOQ, it will be subjected to the maximum twenty (20) page limit described in Section 5.1.3.

2. Question: Section 6.5.1 on page 13 of the RFQ requires at least three (3) but no more than five (5) "Projects of Similar Scope and Complexity" within the last 10 years; and section 2.6.8 on page 47 of the RFQ PDF document defines "Projects of Similar Scope and Complexity" states to provide five (5) projects completed by the Proposer within the last five (5) years using the form provided in Attachment B. The discrepancies noted are:

a) No Attachment B form is provided for this purpose, and the details of what is meant by "Projects of Similar Scope and Complexity" is not specifically defined.

Answer: Disregard the conflicting information in the DBIA form as well as the requirement to use Attachment B. Required information regarding Demonstrated History of Other Projects Similar in Scope and Complexity are provided in Section 6.5. The number and time limit of past projects should be per Section 6.5.1.

b) Section 3.1.5 on page 48 of the PDF notes Attachment B for listing protest procedures; but there is no Attachment B, and the Protest Procedures are not provided with the RFQ except for a link to the procedures listed on "Exhibit B Protest Procedures" on page 57 of the PDF (one of multiple Exhibit Bs).

Answer: The protest procedure is attached.

c) Question: It is unclear from the contradictions between 6.5.1 on page 13 and 2.6.8 on page 47 of the PDF if the required descriptions of similar projects entails three to five projects within the last 10 years or exactly five projects within the last 5 years. Please clarify what is required, and provide a definition of similar scope and complexity to govern the Proposers' selection of experience to include in the RFQ response.

Answer: Disregard the conflicting information in the DBIA form as well as the requirement to use Attachment B. Required information regarding Demonstrated History of Other Projects Similar in Scope and Complexity are provided in Section 6.5. The number and time limit of past projects should be per Section 6.5.1.

d) As referenced in sections 5.2.4, 6.3.3 and 6.8.1, a completed Exhibit B "Corporate Structure Questionnaire" form is required to be submitted. There are two notable discrepancies regarding this requirement:

- On page 60 of the PDF an Exhibit E "Corporate Structure Questionnaire" is provided; however;
- On page 78 of the PDF the Questionnaire is again provided as Exhibit B; but there are actually three (3) Exhibit B documents in the PDF document:
  - Exhibit B "Protest Procedures" (pg 57)
    - Answer: This is the correct Exhibit B.
  - Exhibit B "Proposal, Performance, and Payment Bond Instructions" (pg. 58)
    - Answer: This should be Exhibit C of DBIA Document No. 405.
  - Exhibit B "Corporate Structure Questionnaire" (pg. 78)
    - Answer: Exhibit B "Corporate Structure Questionnaire" should be deleted in favor of Exhibit E "Corporate Structure Questionnaire", and the document text that references Exhibit B Corporate Structure should be corrected to read Exhibit E.

3. Question: Since both Exhibit E and Exhibit B are exactly the same document (Corporate Structure Questionnaire), it is assumed that either form can be submitted for compliance with this requirement. Please consider assigning alternative labeling nomenclature for all associated Exhibits to avoid confusion.

   Answer: See above. Either document can be submitted as Exhibit E.

4. Question: Sections 5.2.2.1 and 7.2.1 refer to a "Statement of Offeror's Ability to Provide Proposal Bond and a Performance and Payment Bond (mandatory minimum requirement) as specified in Exhibit A. However the Exhibit A document included on page 56 of the PDF does not relate to this requirement; it is instead a "Project Scope of Work" document. The second Exhibit B document on page 58 does appear to be the needed instructions for the bonding requirements; and it is understood that the proposal bond shall be submitted on DBIA Form 610 within 14 days of being shortlisted for this project. However, but it is unclear when the corresponding DBIA Forms 620 and 625 are required to be submitted.

Answer: Forms 620 and 625 are not required at this time. They are referenced for informational purposes only.

5. Question: Please revise the Exhibit designation for the bonding requirement instructions, verify all that is required with the RFQ response is a "Statement of Offeror's Ability to Provide Proposal Bond and a Performance and Payment Bond" and not completion of DBIA forms at this time, and provide instructions on when the Payment and Performance Bond on DBIA Forms 620 and 625 submission will be required.

   Answer: Forms 620 and 625 are not required at this time.

6. Question: Access to the design documents referenced in sections 1.4 and 2.3 is desired. Section 1.4 refers to a McKim & Creed SharePoint site, and section 2.3 refers to an FTP site – both require a Username and Password to access.

   Answer: See Addendum No. 1 for access information. All available documents are posted to the SharePoint site.

7. Question: Do these sites offer different drawings and are both accessed through the same Username and Password?

   Answer: Use the SharePoint site listed in Section 1.4.

8. Question: Will the County please provide the necessary access information for both sites at this time?

   Answer: This was addressed in Addendum No. 1.

9. Question: We understand that a more definitive scope of work to be included in DCP as part of Step 2, but can a rough outline of the Step 2 process be provided so that we can better grasp future requirements?

   Answer: The DCP was added to the SharePoint site.

10. Question: Please verify the budget for this project. In the RFQ document, Section III, article 1.5 estimated budget is shown at $4,650,000. In the DBIA Standard Form of Request for Qualifications, Section 2.4 estimated budget is shown at $4,000,000.

    Answer: The estimated budget is $4,650,000.00.

11. Question: Sections 6.3.3 and 6.8 are both calling for the Exhibit B Corporate Structure Questionnaire, for the D-B and all team members. Does this info need to be included twice?

    Answer: No, just one time.

12. Question: Are Sections 5.1.3.1.5 & 6.4 referring to the same information?

    Answer: Yes. The information in section 6.4 can be included as a separate section in your SOQ, in which case it would be subject to the 2 pages per project limit described in section 5.1.3.1.5. Should you choose to combine the information requested in Section 6.4 with another section of your SOQ, it will be subjected to the maximum 20 page limit described in Section 5.1.3.

13. Question: We request that the bid date be pushed 30 calendar days beyond date of issuance of McKim & Creed documents in order to ensure bidders fully understand, and comply with, all issued documents.

    Answer: See Addendum No. 2.

14. Question: Regarding 5.2.2.3 Statement verifying and documenting the Offeror's Experience Modification Rate (EMR) for safety is less than one (1), Is responding to this requirement excluded from the apply to the page count? The previous statements (5.2.2.1 and 5.2.2.2) are excluded from the page count.

    Answer: Yes, it is excluded. We should have included it in Section 5.1.3.1.

15. Question: We see some inconsistencies in how 5. SOQ Documentation Requirements and 6. SOQ Evaluation Criteria and Submittal Information align.
    - For example, 5.2.3.3 Design-Build Engineering and Permitting Past Performance and Ability aligns with Criteria 6.6 Design-Build Engineering and Permitting Past Performance and Ability, and 5.2.3.4 Design-Build Construction Past Performance and Ability aligns with 6.7 Design-Build Construction Past Performance.
        - Answer: They align with each other.
    - Here are examples where 5 and 6 do not align: 5.2.3.2.1 and 5.2.3.2.2 do not have corresponding criteria in 6.5 Demonstrated History of Other Projects Similar in Scope and Complexity. How will they be evaluated?
        - Answer: These items should be discussed as part of Section 6.4.
    - Please consider: 5.2.3.2.1 is the same as 5.2.3.4 and therefore 5.2.3.2.1 should be deleted.
        - Answer: No, they are not the same. The information n 5.2.3.2.1 is included in Section 6.4, and 5.2.3.4 is included in Section 6.7.
    - Section 5.2.3.2.2 should be a standalone section with its own writer evaluation criteria.
        - Answer: It should be included in Section 6.4.

16. Question: Based on the response to our questions and the pending documentation mentioned at the Pre-Proposal conference (Reference Documents on Page 6 of the RFQ), we respectfully request additional time be added to the due date.

    Answer: See Question No. 13 above.

17. Question: Will all SOQ's submitted in Step 1 remain confidential until after Step 2 Proposals are submitted and Notice of Intent to Award has been made?

    Answer: This information is withheld until after award is made by the Board of County Commissioners.

18. Question: Is there an expected format of the SOQ? I ask this as there are five (5) scoring criteria, but Section 5.2 (SOQ Organization) lists four (4) sections (10 if sub-sections are counted), and Section 6 (SOQ Evaluation Criteria and Submittal Information) has even more sections. We just want to ensure that we provide to Hernando County our SOQ in the manner which will best suit County desires.

    Answer: Section 5.2 is simply an overview of the SOQ requirements. Section 6 elaborates on the detailed requirements for each section. The SOQ should include everything listed in Section 6, and the formatting requirements of Section 5.1 should be applied (searchable pdf, page limits, etc.).

19. Question: Providing a project-specific bond this early in a design-build project is not typical. Can the Proposers instead provide a letter from their surety stating that the contractor is qualified to bond this project based upon the current proposed contract value?

    Answer: Yes, this will be acceptable. See Section 5.2.2.1.

BOARD OF COUNTY COMMISSIONERS
HERNANDO COUNTY

Acknowledged

Patty Hall
Purchasing Coordinator

Issued: August 20, 2021

Archer Western/Wade Trim
Design-Build Team

WADE TRIM

4343 Anchor Plaza Pkwy, Suite 155
Tampa, Florida 33634
813.849.7500
www.walshgroup.com