

Professional

Engineering

Services

# TWDB DWSRF Water Improvements Project

## Statement of Qualifications

City of Sweeny, TX

March 8, 2024





Strand Associates, Inc.®
1906 Niebuhr Street
Brenham, TX 77833
(P) 979.836.7937
www.strand.com

March 8, 2024

Ms. Lindsay Koskiniemi
City Manager
City of Sweeny
102 W. Ashley Wilson Road
Sweeny, TX 77480

Re: Request for Qualifications (RFQ) – Texas Water Development Board (TWDB) Drinking Water State Revolving Fund (DWSRF) – Water Improvements Project

Dear Ms. Koskiniemi:

Thank you for the opportunity to submit our Statement of Qualifications (SOQ) to assist the City of Sweeny with services associated with budget requests, scopes of work, and draft specifications for the preparation of a TWDB DWSRF application. We understand the City would like to use these funds for various water system improvements, including significant water main replacement, iron/manganese filtration, and storage tanks and pumps to improve the City’s water system. Once the City is awarded funding, we will provide engineering design and bid- and construction-related services to see these projects through to completion.

This SOQ demonstrates our ability to provide unsurpassed engineering and surveying services for these types of projects. Our client first philosophy means that the interests of our clients are a priority. Toward this end, we are excited to offer a highly qualified and responsive team to assist the City in completing these projects.

With our selection, the City will realize sound solutions that are effective for its budget and schedule, while achieving the goals of each project. The following unique features of our team will result in successful service to the City:

- First-hand knowledge of Sweeny area site conditions – providing essential value to these projects.
• Record of proven performance with application, plan development, design, and construction-phase services for similar projects – resulting in technically sound solutions.
• Extensive relevant application, design, and contract administration experience on many federally funded projects – resulting in smooth project financing.
• Available and committed staff through a local office and a national resource base – yielding responsive service to the City.

Our firm meets the appropriate state licensing requirements to perform engineering services in the state of Texas (Registration Number F-8405).

If there are any questions concerning our SOQ, please do not hesitate to contact us. We value the opportunity to help the City meet its engineering needs.

Sincerely,

STRAND ASSOCIATES, INC.®



William J. Huebner, P.E.
Project Manager/Official Contact
1906 Niebuhr Street, Brenham, TX 77833
979-836-7937

P240.919/WJH:bsp



Ryan D. Tinsley, P.E., ENV SP
Overall Quality Control Engineer



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# Insurance

## Excellent Insurance Coverage Attests to Strong Business Practices

We carry comprehensive insurance coverage, including general liability, automobile liability, employer's liability, worker's compensation, umbrella coverage, and professional liability. In addition, we have had uninterrupted professional liability insurance coverage since 1969. As our carrier will attest, our annual coverage for and record of claims involving professional liability is superior with respect to other firms.

Our *Certificate of Liability Insurance* indicates the insurance coverage that may be applicable to this work. We believe in protecting our investments and our clients by maintaining more than adequate coverage in all areas.

**We will provide the required *Certificate of Liability Insurance* to the City of Sweeny within 10 calendar days of any Notice of Award.**

**We believe in protecting our investment and our clients by maintaining more than adequate coverage.**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/10/2023

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

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

<b>PRODUCER</b> Ansay & Associates, LLC 2901 W Beltline Hwy, Suite 202 Madison WI 53713	<b>CONTACT NAME:</b> <b>PHONE (A/C. No. E):</b> <b>E-MAIL ADDRESS:</b>	
	<b>INSURER</b> <b>INSURER</b> <b>INSURER</b> <b>INSURER</b> <b>INSURER E:</b> <b>INSURER F:</b>	
<b>INSURED</b> Strand Associates, Inc. 910 W Wingra Drive Madison WI 53715	STRAASS-01	

**COVERAGES**

CERTIFICATE NUMBER: 1618288203

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
C	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> 1,000 GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC				1/1/2023	1/1/2024	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS				1/1/2023	1/1/2024	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000				1/1/2023	1/1/2024	EACH OCCURRENCE	\$ 2,000,000
							AGGREGATE	\$ 2,000,000
								\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below				1/1/2023	1/1/2024	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000

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

**CERTIFICATE HOLDER****CANCELLATION**

Blank Certificate	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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# Conflicts of Interest

## No Known Conflicts of Interest

A key element of our business plan is to avoid conflicts of interest. We do this by working with municipal clients almost exclusively and, typically, not with private developers. This enables us to represent the City without the fear of a perceived or real conflict of interest. Once a client relationship is established, we avoid future assignments within that community where the interests of one client could be at odds with those of another. Simply stated, it is our policy not to become involved in a situation that may lead to a conflict of interest. This is one of the first questions we ask when deciding whether to pursue a potential client. In this manner, we can provide our best efforts for the benefit of our clients.

**A key element of our business plan is to avoid conflicts of interest.**

Attached is a signed *Conflict of Interest Statement*.

**CONFLICT OF INTERERST STATEMENT**

I certify that the following statement is true with respect to the Request for Qualification for Engineering Planning, Design and Construction Management Services for the TWDB-DWSRF Water System Improvements Project for the City of Sweeny, Texas.

1. No principal or employee of this firm has offered or promised to pay or deliver directly or indirectly, any commission, political contribution, gift, favor, gratuity, benefit, or reward as an inducement to secure this assignment.
2. No employee, officer, or agent of the City of Sweeny, or their immediate family members, has financial or other interest in this firm.
3. This firm will not engage in construction contracting or in the supply of goods, materials and/or equipment for the construction of this project.
4. This firm is not associated or affiliated, either directly or indirectly, with firms, individuals, or commercial organizations that have a vested interest in the construction of this project.



Signed by Principal of Firm

Joseph M. Bunker

Name Typed

Corporate Secretary

Title



# Statement of Qualifications

## 3.1 Organization

Describe the Engineering Firm’s organization in accordance with the format below:

### General

- 3.1.1 Firm Name: Strand Associates, Inc.®
- 3.1.2 Address & Phone Number: 1906 Niebuhr Street, Brenham, Texas 77833; 979-836-7937
- 3.1.3 Texas Board of Professional Engineers Firm Registration Number: F-8405
- 3.1.4 Submittal is for:  Parent Company  Branch Office
- 3.1.5 Year Firm Established: 1946
- 3.1.6 Former Firm Name(s): Strand Associates, Inc.® acquired O’Malley Engineers in 2015.
- 3.1.7 Type of Ownership: Corporation
- 3.1.8 Name of Parent Company (if any): NA
- 3.1.9 Name of Principals and Titles:

Principal Name: Theodore J. Richards	Title: Chairman of the Board of Directors
Principal Name: Matthew S. Richards	Title: President and CEO
Principal Name: Jeffrey L. Kronser	Title: Executive Vice President
Principal Name: Shawn K. Cannon, CPA	Title: Senior Vice President and CFO
Principal Name: Paula J. Schultz	Title: Senior Vice President
Principal Name: Roddy J. Williams	Title: Senior Vice President
Principal Name: Joseph M. Bunker	Title: Corporate Secretary and Vice President
Principal Name: Darcie W. Gabrisco	Title: Vice President
Principal Name: William Z. Hawkins	Title: Vice President
Principal Name: Kent T. Locy	Title: Vice President
Principal Name: Michael A. Woolum	Title: Vice President

### 3.1.10 Office Locations, Number of Personnel in each Office and Types of Disciplines in each Office:

Office Location: **Ames, Iowa** Employees: 36  
 Disciplines: Environmental engineers/specialists; civil engineers; information technologists; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Brenham, Texas** Employees: 26  
 Disciplines: Environmental engineers/specialists; civil engineers; right-of-way acquisition agents; aviation engineers; professional land surveyors; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Cincinnati, Ohio** Employees: 27  
 Disciplines: Civil engineers; transportation engineers; professional land surveyors; field technicians; office technicians/CADD operators; clerical; accounting; human resources.



Office Location: **Columbus, Indiana** Employees: 37  
Disciplines: Environmental engineers/specialists; civil engineers; transportation engineers; electrical engineers; business development; information technologists; professional land surveyors; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Columbus, Ohio** Employees: 19  
Disciplines: Environmental engineers/specialists; civil engineers; transportation engineers; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Joliet, Illinois** Employees: 48  
Disciplines: Environmental engineers/specialists; civil engineers; transportation engineers; structural engineers; electrical engineers; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Lexington, Kentucky** Employees: 16  
Disciplines: Environmental engineers/specialists; civil engineers; structural engineers; business development; right-of-way acquisition agents; professional land surveyors; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Louisville, Kentucky** Employees: 29  
Disciplines: Environmental engineers/specialists; civil engineers; transportation engineers; business development; right-of-way acquisition agents; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Madison, Wisconsin** Employees: 208  
Disciplines: Environmental engineers/specialists; civil engineers; transportation engineers; aviation engineers; structural engineers; electrical engineers; mechanical engineers; business development; information technologists; professional land surveyors; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Milwaukee, Wisconsin** Employees: 34  
Disciplines: Environmental engineers/specialists; civil engineers; transportation engineers; structural engineers; electrical engineers; architects; field technicians; office technicians/CADD operators; clerical; accounting; human resources.

Office Location: **Nashville, Tennessee** Employees: 6  
Disciplines: Civil engineers; transportation engineers.

Office Location: **Phoenix, Arizona** Employees: 11  
Disciplines: Civil engineers; field technicians; office technicians/CADD operators; professional land surveyors; clerical; accounting; human resources.

### 3.2 Key Personnel/Project Team

3.2.1 The Engineering Firm shall provide a brief profile for key personnel that will be assigned to this project. The information for each member of the Project Team must include the following: Name, Area(s) of Expertise, Years of Experience in that area(s), Professional License(s), including registration number(s) (if applicable), TCEQ Licenses (if applicable), and experience with State and Federal Agencies (if applicable).

#### **Team's Record of Proven Performance Results in Technically Sound Solutions**

This section provides information on the key personnel who comprise our project team. These individuals will be responsive to the City's needs, provide smooth and effective communications, and capitalize on the talents of both in-house and client-team members.



### Project Manager

**William J. Huebner, P.E. (Texas P.E. #103580)**, will serve as our Project Manager and will be responsible for communications with the City, staff coordination, and project administration throughout the project. William has 20 years of experience, including water well rehabilitation, new water wells, water and wastewater facilities, drainage improvements, generators, WWTPs, lift stations, street reconstruction, natural gas transmission and distribution systems, and municipal park and sports facilities. His experience also includes serving as a member of the field crew on both engineering and boundary surveys, preparing engineering designs, and performing project, construction management, and construction inspection services. William has experience working with many governmental agencies, including the Texas Water Development Board (TWDB), Federal Economic Development Administration (EDA), General Land Office (GLO), the Federal Emergency management Agency (FEMA), and Texas Community Development Block Grant (CDBG).



William currently serves our primary contact for the City of Sweeny and has completed many projects for the City, such as the 2021 CDBG WWTP Improvements; 2019 Bond Water Improvements; 2018 Water, Sewer, and Sidewalk Improvements; WWTP Clarifier and MCC Improvements; Hackberry Sidewalk; and numerous other projects. William is currently managing the GLO MIT Sewer project, water quality consultation, as well as various plan reviews and support for City staff.

William’s additional water project experience includes Prairie View A&M Well 9; City of Giddings Emergency Water Well 12; City of El Campo ARPA Water Plant Improvements and TWDB Water System Improvements; City of Schulenburg Ground Storage Tank at Well 9; and City of Schulenburg Water and Sewer Improvements. He is also completing the construction phase of a current EDA funded water improvement project for the City of Giddings.

### Quality Control Engineers

**Ryan D. Tinsley, P.E., ENV SP (Texas P.E. #132320)**, will provide quality control review services for this project. Ryan has 22 years of experience providing planning, design, and construction-related services on a variety of assignments. Ryan serves as the Director of Operations for the Brenham office as well as the Discipline Coordinator for the Municipal, Stormwater, Pumping-Conveyance, and Transportation Group. In these roles, Ryan provides operations support and oversight for a variety of projects, ranging from utility extensions to large transportation projects. Ryan has experience working with FEMA, Texas CDBG, the Texas Department of Transportation (TxDOT), and the Texas Commission on Environmental Quality (TCEQ).



Ryan’s experience includes more than 200 miles of water mains, gravity storm and sanitary sewers, and force mains, ranging from 3 to 42 inches in diameter; water wells; wastewater treatment plant rehabilitations; large pumping stations (water and wastewater pumping up to 20 MGD, flood pumping up to 1.2 billion gallons per day); ground and elevated storage tanks ranging from 300,000 to 3 million gallons in capacity; water, wastewater, natural gas, and stormwater master plans; roadway construction and rehabilitation; urban streetscape improvements; bridge and culvert assessments (more than 500 total); and land acquisition (right of way and easements for more than 500 parcels). Ryan’s experience also includes several years at the U.S. Army Corps of Engineers, where he worked on a variety of military and civil works projects.

Examples of Ryan's water project experience include the City of Richwood North Water Plant, Ground Storage Tank, Booster Pumping Station, and Water Main Extensions; City of Brenham Water Supply and Treatment Plant Expansion Plan and FY 2019 Water Main Replacements; City of Sealy Downtown Water Well and Raw Water Main, Rexville Road Water Plant, and Downtown Water Main Replacement; and Impact Fee Studies, Utility Master Plans, Capital Improvement Plans, and Preliminary Engineering Studies for the Cities of Brenham, Hearne, Hempstead, Richwood, Sealy, and Splendora, and the South Cleveland Water Supply Corporation.



**Andy L. Mullendore**, is a licensed Professional Engineer in Wisconsin and Illinois and has been involved in all aspects of water system plan development, design, construction of water mains, municipal groundwater supply wells, booster stations, pumping systems, and elevated storage, for the past 30 years. Andy has extensive experience in modeling and evaluating water systems. He has prepared water distribution system plans for approximately 50 different distribution systems across Texas, Wisconsin, Illinois, Ohio, Indiana, and Alabama. These plans have involved everything from evaluating simple water main replacements or extensions, to complete systems.



### Project Engineers

**Hollie A. Janecka, P.E. (Texas P.E. #135892)**, has 7 years of engineering design experience and serves as the Discipline Coordinator for Water and Wastewater groups in our Brenham office. She has engineering experience working with AutoCAD Civil 3-D, StormCAD, SewerCAD, and GIS software to create construction drawings. She also has experience in commercial and residential land development, including design of site layouts, water main, drainage elements, roadways, and storm sewers. Hollie has experience working with many governmental agencies, including Texas GLO, FEMA, and Texas CDBG.



Hollie’s recent water project experience includes the City of Brenham Water Supply and Treatment Expansion Plan; Tarkington Special Utility District Water CIP and Impact Fees; South Cleveland Water Supply Corporation Water Master Plan; City of Weimar Water Quality Study; City of Schulenburg Comprehensive Water Study; City of Cleveland ARPA 2021 CLFRF New Elevated Storage Tank and 12-inch Water Line Improvements; and City of Dayton Tram Road Booster Pumping Station and Water Well, and 2016 FM 1960 12-inch Water Line Extension.

**Mark A. Rudolph, P.E. (Texas P.E. #144840)**, has been involved in the design of various municipal, water, wastewater, natural gas distribution, and GIS projects. He has also been involved in the preparation and submission of TCEQ applications for renewal and amendment of wastewater and stormwater permits. Mark has extensive experience with state and federal funded projects, as well as coordination with state agencies, including the TCEQ, TWDB, and Texas RRC.



Mark’s recent water project experience includes the Central Washington County Water Supply Corporation TWDB Water Plant, New Standpipe, and New Water Well; City of Sealy Highway 36 Water Main Extension and Rexville Road Elevated Storage Tank Rehabilitation; City of Brenham Water Main Replacements; City of Rosenberg ARPA Water Line Improvements; Water Plant Piping Relocation for Oak Hill Fresh Water Supply District; and the Water System Evaluation for Chappell Hill Water Supply Corporation.

**Mary E. Seehafer, P.E. (Texas P.E. #138988)**, has been with our firm for 12 years and has extensive experience with electrical design. She has designed power distribution and control systems for both large and small wastewater and water applications from remote lift stations to well houses to treatment plants. Mary’s design experience includes standby power systems, programmable logic controller (PLC)-based control systems using industrial Ethernet networks, remote telemetry (radio and cellular), communication systems (voice and data), and development of control algorithms and supervisory control and data acquisition (SCADA) system human-machine interface (HMI) graphics for both new and existing systems. Mary’s experience also includes electrical design of new facilities, upgrading and adding to existing facilities, power monitoring for harmonics and related electrical problems, and analyzing building electrical systems with respect to applicable codes.



Mary’s project experience includes the City of Sweeny WWTP Generator Addition and Electrical Improvements; City of Richwood North Water Plant; City of Sealy 2021 Downtown Well and 2020 GLO Generator Addition; City of Brenham Surface Water Treatment Plant Rehabilitation and Expansion; City of Schulenburg 2021 County Yard Lift Station Improvements; and City of Snook WWTP construction phase.



**Keith R. Behrend, P.E. (Texas P.E. #127578)**, has 19 years of experience in structural design. Keith provides extensive experience with Load and Resistance Factor Design (LRFD), including site layout and design of highway structures, such as box culverts, single- and multi-span concrete slab and prestressed girder structures, pedestrian bridges, retaining walls, and sign structures. Keith has prepared preliminary and final plans, including structure survey reports, design study reports, special provisions, quantity calculations, and cost estimates. He has worked on structures for city streets, town roads, county highways, and state and interstate highway systems.



Keith’s project experience includes the Fayette County La Grange Water Line Improvements; City of Richwood North Water Plant and South Yaupon Sidewalk Pedestrian Bridge; City of Brenham Surface Water Treatment Plant Rehabilitation and Expansion, Ralston Creek Lift Station, Munz Lift Station, and Baker Katz Sanitary Sewer Improvements; City of Sealy Front Street Drainage Improvements; and the Lee County GLO and FEMA Mitigation CR 226 Bridge Replacement, among others.

**Project Designers and Resident Project Representatives (RPR)**

**Morgan E. Ruiz, E.I.T.**, joined our firm in 2019 and has experience designing groundwater treatment plants, distribution line extensions and improvements to existing systems, and sanitary sewer collection projects. Other experience includes analysis of when water system improvements are needed to remain in compliance with TCEQ standards based on future expected development and water system modeling software. She also has experience working on TxCDBG and GLO funded projects. Morgan has performed construction management services on many projects.



Morgan’s recent water projects include the City of Sweeny Waterline Improvements and Water Quality Consultation; City of Richwood North Water Plant; City of Brenham 2023 Impact Fee Study for Water, Wastewater, and Roadways, and Water Source Evaluation and Groundwater Wells Phase 1; City of Hempstead Water and Sewer Evaluation; City of Sealy 2022 Utility Master Plans and Impact Fees and Utility Rates Study; City of El Campo ARPA Water Improvements; the City of Woodbranch Village TWDB Water Plant; and the City of Sealy Downtown Water Well and Rexville Road Water Plant.

**Logan G. Andrepont, E.I.T.**, Logan has 5 years of broad municipal engineering experience, including design of sanitary sewers, water mains, and roadways. Logan has also performed Resident Project Representative (RPR) services on many projects. As RPR, Logan is responsible for observing construction work for compliance with the plans and specifications, serving as liaison between the engineer and contractor, reviewing monthly pay requests, and observing various tests as required by the contract documents, including observing mandrel and leakage testing of sewer lines, and observing hydrostatic testing of water lines.



Logan’s recent project experience includes the City of Sweeny 2019 Bond Issue Water Main Improvement and GLO-MIT Sanitary Sewer Replacement; City of Richwood North Water Plant and Water Main Extensions; City of Brazoria 2021 CDBG Force Main Extension; City of Rockdale GLO CDBG-MIT Ham Branch Watershed Drainage Improvements; City of Huntsville 2022 Sanitary Sewer Improvements; City of Caldwell ARPA Sanitary Sewer Improvements and GLO CDBG-MIT Hurricane Harvey Street, Drainage, Sanitary Sewer, and Lift Station Improvements; and the City of Brenham Ralston Creek and Munz Lift Station Improvements.

**Environmental Specialist (if needed)**

**Luke T. Hellermann, P.G.**, is a Professional Geologist with 33 years of experience in environmental investigation, documentation, and permit preparation. Luke has completed National Environmental Policy Act (NEPA) documentation for projects of all types ranging from categorical exclusions (CE) to environmental impact statements (EIS). Luke is very comfortable navigating the NEPA process and coordinating with necessary federal and state agencies to obtain permits. He has completed impact analyses related to effects on historic properties (Section 106 process), primary environmental effects, noise and air impacts, and hazardous materials impacts, as well as effects on the natural environment.





We understand the grant consultant may perform the necessary environmental services for the City’s project. Luke will be available as an additional resource, if needed.

**Lead Surveyor**

**Robert C. Schmidt, RPLS (Texas PLS #4705)**, has 45 years of experience and is a registered Professional Land Surveyor in Texas. Bob’s expertise includes plan development, design, and construction supervision of water storage facilities, water transmission lines, water wells, water supply and distribution mains, emergency generators, drainage improvements, large diameter storm sewers, paving, pumping stations, sanitary sewer collection systems, lift stations, force mains, sewage treatment plants, and gas distribution facilities.



Bob’s experience also includes preparing environmental documents/assessments, presenting at public meetings, and coordinating with public and private agencies, such as City and County governments, Texas Railroad Commission, Texas Department of Licensing and Regulation, Flood Control Districts, U.S. Army Corps of Engineers (USACOE), U.S. Environmental Protection (USEPA), Texas Historical Commission, Texas Parks and Wildlife, TxDOT, TWDB, TCEQ, and FEMA.

In Bob’s role as Lead Surveyor, he will work with Christian Fridye to provide comprehensive surveys and, if easements are needed, make sure those are accurate and complete.

**Survey Crew Chief**

**Christian J. Fridye** has 14 years of survey experience. He specializes in field surveys, civil surveys, sewer evaluations and inspections, and construction observation services. Christian has provided boundary survey services, courthouse deed research, field surveys, ALTA surveys, oil field unit development, and lease surveys. His topographic survey experience includes sonar and depth sounding of fracking ponds for Laredo Energy, as well as topographic surveys for clients located in Sweeny, Brazoria, Brenham, Cleveland, Dallas, Dayton, Richwood, Schulenburg, Sealy, Splendora, Weimar, and Woodbranch Village, Texas. Christian also has knowledge of and experience with TxDOT permits, roads and streets, ROW and easement acquisitions, pipeline surveys, drainage improvements, parks, trails, and construction staking.



3.2.2 For those team members that maintain a professional license issued by a state agency, indicate their current standing with that agency.

William Huebner, P.E.; Ryan Tinsley, P.E., ENV SP; Hollie Janecka, P.E.; Mark Rudolph, P.E.; Mary Seehafer, P.E.; and Keith Behrend, P.E., are licensed Professional Engineers registered to practice in the state of Texas and, per the Texas Engineering Practice Act, are in good standing. Bob Schmidt is a registered Professional Land Surveyor in the State of Texas and is also in good standing.

3.2.3 The Engineering Firm shall describe their specific project approach and key elements identified relative to the project description in 1.5 and the tasks shown in 1.8 of the RFQ.

**Approach Delivers Solutions That Enhance the Value of City Infrastructure**

Our philosophy for quality-of-life infrastructure initiatives begins with the end goal in mind. By thoroughly understanding the motivations and desired outcomes of our project partners, we can help chart the proper approach to achieving project objectives. The manner in which we communicate with the City will set the stage for a successful project.

**Interaction with City Staff**

We will start each assignment by holding a kickoff meeting with City staff, TWDB personnel (when appropriate), and the grant consultant (if the City utilizes one for this project) to understand their goals and objectives for the project. We will outline a communication structure with the City with clearly identified points of contact, project schedules, and a communication schedule. We find that weekly or biweekly status updates by phone, with e-mail summaries of decisions and issues discussed, and face-to-face meetings with the client (as desired) keep things moving. This communication structure and reporting will be important throughout any service we provide.



## Project Approach

Our typical approach to the engineering functions of a TWDB project is divided into four phases: *planning and application*, *preliminary design*, *final design*, and *bid and construction*. Our team is fully committed to providing excellence in engineering throughout each of these phases.

When the City needs a single task or project performed – such as a survey or an environmental study – we will apply the same work ethic to that singular task or project. Through discussions with City staff, we will develop a thorough understanding of the scope of each project and employ the approach below.

It is our intent to fully utilize available funding opportunities. Our project approach will deliver cost-effective improvements that result in significant benefits. We have been highly successful optimizing funding for many clients and will do so for the City of Sweeny, as well.

We understand that the City plans to use the TWDB funding for water system improvements, including water main replacement, iron/manganese filtration upgrades/replacement, additional water storage, pumps, and other improvements to its system. We have recently been assisting the City of Sweeny in tackling the issue of dirty water throughout the system. The source comes, not just from high manganese levels in the groundwater, but aged infrastructure, including more than 17 miles of steel pipe that has built-up deposits of iron and manganese. The City’s existing water softener system is in a state of disrepair and needs replacement or significant reconstruction. A new iron/manganese filter system will help eliminate further manganese from entering the system. Additionally, the City requires additional water storage and pumping capacity to meet the needs of its customers. All these issues should be addressed with the proposed TWDB funded project.

- **Planning and Application Phase**

We understand the City will be submitting a PIF in the next few weeks.

Following submittal of the PIF, the TWDB will review all the PIFs they receive, rank them, and prepare a draft *Intended Use Plan* (IUP). A comment period will follow the draft IUP posting, and the final IUP will be approved in August 2024. The City should expect to receive an invitation to apply in the fall and formal applications are anticipated to be due within 4 months.

The TWDB DWSRF application is lengthy. As part of the application process, we will meet with the City and TWDB personnel at a pre-application meeting. The application requires extensive supporting documentation, including a preliminary engineering feasibility report (PER), financial documents, and an environmental assessment. We will prepare all documents required for the PER and will work with the City’s financial advisor and bond counsel regarding the financial requirements. We can prepare environmental assessments and impact statements, but often work with an environmental subconsultant who is knowledgeable on the TWDB environmental requirements. We will also assist the City in determining the need to acquire real property and/or easements and work with the City through the process of property acquisition, including preparing metes and bounds surveys.

- **Preliminary Design Phase**

During the preliminary design phase, two tasks will receive initial emphasis. First, we will hold a preliminary design conference with the City and TWDB personnel to review the scope of the project and establish or confirm expectations, project objectives, and priorities. Next, we will collect the information required for design of the proposed improvements. Collected information will include any field surveys required to develop background drawings for the proposed improvements, along with geotechnical and utility information required for design.

Following the predesign conference and data collection, we will begin work on preliminary designs, preliminary cost opinions, and other appropriate deliverables. As part of the preliminary design phase, we will begin working with entities that will require permits and other approvals, such as the Texas Commission on Environmental Quality (TCEQ) and the Texas Department of Transportation (TxDOT).



Our holistic approach is centered on maximizing the City’s return on investment.



- **Final Design Phase**

Following preliminary design of improvements, we will meet with the City and other stakeholders (including the TWDB) to review the preliminary information. We will also coordinate with owners of utilities that may be impacted. After City approval of the preliminary engineering documents, we will proceed with final design, including preparing contract documents, final drawings, specifications, and bid schedules.

Final designs will comply with all TWDB requirements and local codes and design standards. Our goal is to produce clear, concise plans that are easy for owners and contractors to read and understand, while including the information required by various regulatory agencies and Utilities. Following final design document approval by City staff, final cost opinions will be prepared. The final design documents will be submitted to the TWDB for approvals prior to proceeding into the bidding phase.

- **Bid and Construction Phase**

The bid phase will begin with authorization to advertise for construction bids. We will prepare the bid advertisement, distribute plans and specifications, answer questions from bidders, assist with the bid opening, analyze bids, and provide information to assist with awarding contracts. We will also assist with preparation and execution of construction contracts. Following these steps, a preconstruction conference will be held.

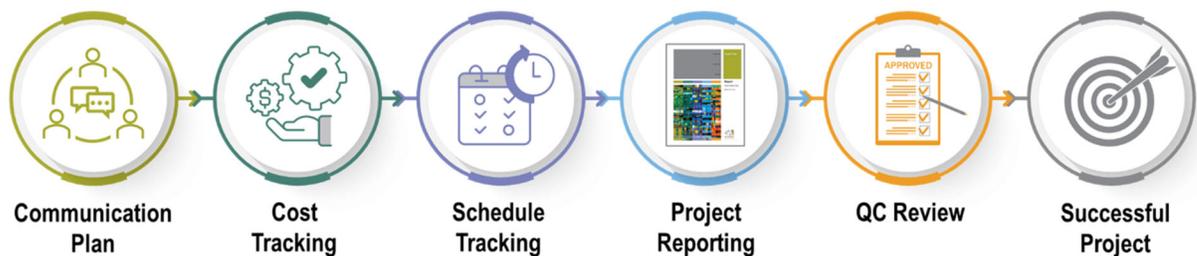
During construction, we will provide construction-phase tasks, including contract administration, preparation and certification of monthly payment applications, issuance of additional instructions to the contractor, continued coordination with Utilities – as warranted – and periodic visits to the site.

Our engineers have extensive experience dealing with issues raised by contractors. Our approach is to resolve each issue without the need for change orders, an approach that has proven highly successful. The same individuals responsible for project design will remain involved throughout project construction. Once construction is complete, we will make a final inspection, develop lists of necessary items to be corrected or completed, and, ultimately, ‘certify’ completion of the project.

### Project Management

Our overall project management approach includes developing a communication plan, tracking schedules and costs, preparing project reports, and providing quality control reviews. Our project delivery will instill confidence that the completed project will meet desired outcomes, schedules, and budgets.

#### Proactive Management Approach

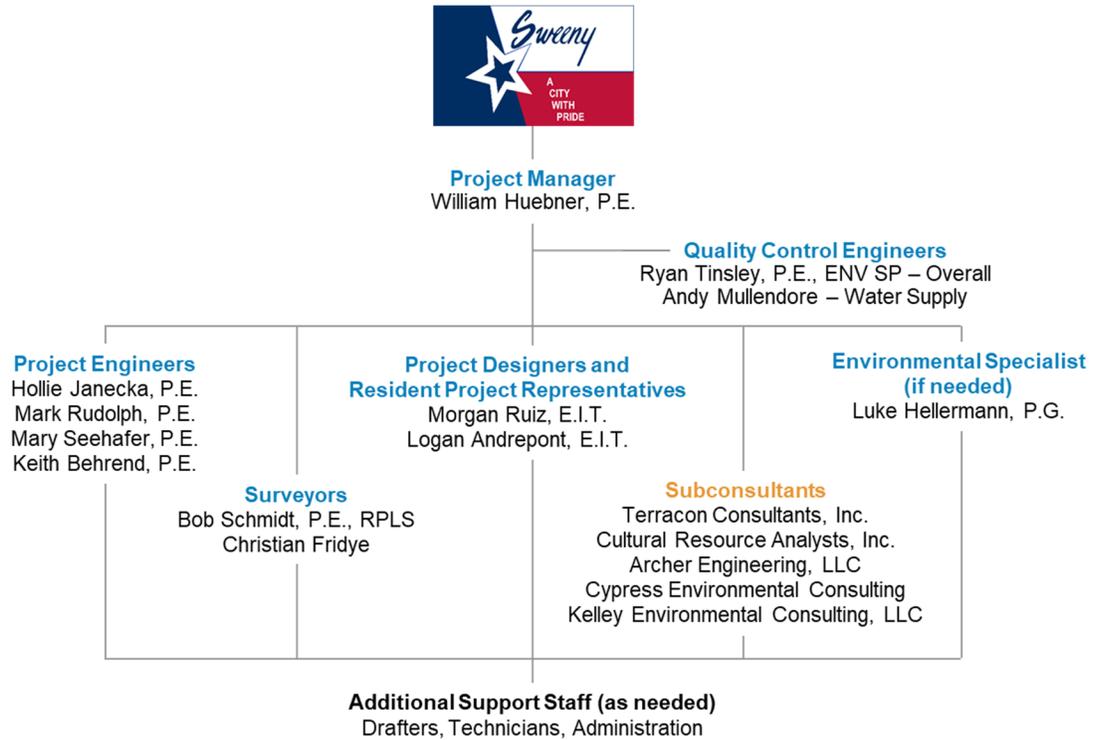


### Conclusion

We are excited for the opportunity to continue serving the City of Sweeny and are committed to providing a high level of engineering service in an efficient manner. The City will receive excellent and responsive service with our straightforward approach to engineering.



3.2.4 Include an organizational chart showing participants and disciplines for specific portions of assigned work on this project, and lines of authority for all portions of the work.



3.2.5 The Engineering Firm shall provide a list of names, addresses and specialties of outside consultants/associates for this project and prior working relationship. List specific areas of responsibility (including administrative, technical, and financial) for each firm.

**Successful Relationship with Potential Subconsultants Supports Ability to Meet City’s Project Schedule**

Though our firm provides a wide variety of services, we do work with specialty subconsultants, as needed. For the City’s projects, we would be open to working with subconsultants selected by the City. We anticipate that the City will hire specialty subconsultants directly for any projects, should the need arise. If the City prefers having all specialty subconsultants working through us, we propose utilizing the following firms. We have successfully completed many projects with these firms.

**Geotechnical Investigations – Terracon Consultants, Inc.  
11555 Clay Road, Suite 100, Houston, Texas 77043**

Terracon Consultants, Inc. (Terracon) is a multidisciplinary firm with expertise in geotechnical, construction inspection, materials testing and engineering, mining, and geologic and hydrogeologic engineering. Terracon’s success as a responsive, resourceful, and reliable firm led it to achieve a ranking of 20 in *Engineering News Record’s (ENR’s) 2023* listing of the Top 500 Design Firms. Terracon is a nationwide firm, but has multiple offices located in Texas. Terracon will assist us with any needed geotechnical services.



**Archaeological Studies – Cultural Resource Analysts, Inc.  
9105 Avalon Drive, Shreveport, Louisiana 71118**

Cultural Resource Analysts, Inc. (CRA), is recognized as one of the most respected full-service cultural resource consulting firms in the United States. Headquartered in Lexington, Kentucky, CRA has offices located throughout the country. A Certified Small Business, CRA’s mission is to meet client needs in delivering appropriate, high-quality, cost-effective consulting services in the study of archaeology and the historic-built environment.





### **Electrical Engineering – Archer Engineering, LLC**

**14558 Broadgreen Drive, Houston, Texas 77079**

Archer Engineering, LLC (AELLC) is an electrical engineering and design firm based out of Houston, Texas. AELLC has been providing electrical engineering and design services for its clients (including numerous municipalities in Texas) since 2010. One of the main areas of expertise for AELLC is providing electrical system design for water and wastewater facilities.



### **Wetland Delineation – Cypress Environmental Consulting**

**10605 Grant Road, Houston, Texas 77070**

Cypress Environmental Consulting (Cypress) is a privately owned professional services company located in Texas. Cypress's mission is to provide quality environmental consulting services to public and private clients across the southwestern U.S. Cypress has the knowledge and technical expertise to provide a variety of environmental services, including regulatory compliance and permitting of drainage projects, conducting environmental evaluations, performing state and federal regulatory requirements reviews, providing due diligence support, and conducting impacts evaluations.



### **NEPA Consultant – Kelley Environmental Consulting, LLC**

**115 Whippoorwill Way, Georgetown, Texas 78633**

Kelley Environmental Consulting (KEC) has more than 30 years of experience working with rural communities to develop water, wastewater, and community facility projects. Staff understand the process of seeking funding from state and federal sources and specialize in projects funded by the Texas Water Development Board and the U.S. Department of Agriculture Rural Development Rural Utilities Service.

Steve Kelley, owner and lead Environmental Planner for the KEC, formerly held the position of full-time State Environmental Coordinator for the USDA Rural Development in Texas. During his tenure, he provided training to both employees and consulting engineers, as well as review and approval of more than 400 various utility and business projects budgeted at more than \$300 million. The KEC's services include complete preparation of environmental assessments, coordination of archaeological reviews, and financial application advising.

3.2.6 Identify the level of participation of MWBE team members in percent of total work effort.

Although we are a full-service engineering firm and can perform our own specialty services for structural, electrical, and mechanical, we do rely on subconsultants for geotechnical investigations and archaeological studies. When we do need to procure outside services, we will strive to solicit from Minority and Women's Business Enterprises (MWBE). The requirements for MWBE will be included in the contract documents prepared for bidding of the project.

## 3.3 Resource Utilization Plan

3.3.1 Labor Resources: The Engineering Firm shall include a brief statement describing how staff will be provided, allocated and balanced during sickness, attrition, and periods of increased workloads.

### **Integrated, Corporate-Wide Scheduling Program Proves Availability of Staff**

We understand the City desires a consultant whose team has ample availability to complete its projects efficiently and effectively. Because we have a customized, integrated staff scheduling program for all our employees, we can provide demonstrable proof that our team will be able to complete the City's projects.

#### **Statement of Availability**

The personnel on the proposed project team have time available in their schedules to assist the City. If awarded the contract and once a project is fully defined, we will input project hours into our scheduling program to dedicate the time necessary to the schedules of each project team member. Once assigned, the personnel on the project will not change.



### About Our Scheduling Program

Our customized staff scheduling program helps determine staff availability relative to project deadlines. The program contains all currently scheduled hours for all employees up to 2 years from the present date. Project Managers can run reports to determine how many total hours are scheduled for a staff member and which projects they are assigned to in any given month. This program is also integrated with our accounting system to facilitate billing.

At the start of every project, the Project Manager enters the associated hours assigned for each staff member each month. All projects in the scheduling program are updated monthly and staff availability is reviewed at that time to distribute workload appropriately among employees. We can then confirm that ample time is available for staff to meet project deadlines.

By utilizing our integrated scheduling program to project current staff workload and upcoming project deadlines, we can determine if completing tasks or meeting deadlines for any specific project may become an issue. We can then reallocate internal efforts and resources, as necessary, before an issue develops.

We are confident the availability of our team is more than sufficient to meet the City’s project schedule, as substantiated by the accompanying graph.



Team’s percentage of availability leads to responsive service.

3.3.2 Equipment Resources: The Engineering Firm shall list all pieces of office and/or field equipment which is owned, or that it has direct access to, that is pertinent to this project.

Strand Associates, Inc.® Office and Field Equipment	
<b>Computer Hardware</b>	
43 Surface Pros	8 "E" Size Engineering Ink Jet Color Plotters
107 Dell Optiplex Desktops	7 "E" Size Engineering Laser Plotters
78 Dell Latitude Notebooks	10 "E" Size Color Engineering Scanners
425 Precision Workstations	22 LCD Projectors
24 Dell PowerEdges Servers running Windows Server	50 Digital Cameras
4 Dell PowerEdge Servers running Windows Enterprise with Multiple Virtual Servers	1 Compellent Storage Area Network
85 Laser Printers	15 Panzura Cloud Controllers
20 Color 11 x 17 Multifunction Laser Printers/Scanners/Copiers	550 Voice over IP Telephones
4 Black/White 11 x 17 Multifunction Laser Printers/Scanners/Copiers	15 Vidyo Videoconference Systems
<b>Computer Software</b>	
Adobe Acrobat PRO	Blue Beam
Adobe Acrobat Reader DC	Cummins Power Suite
Adobe Acrobat Standard	Deltek Vision Series 350
ADP PC/payroll & personnel	EBAA – Restraint Calculation Program
Vision (Deltek)	EPA NET 2.0
Alpha-1 Dezurik Valve Sizing Program	ESRI ArcExplorer
Aquifer Test Pro	ESRI ArcGIS 3D Analyst
AutoCAD	ESRI ArcGIS for Desktop Advanced (ArcInfo)
AutoCAD Civil 3D	ESRI ArcGIS Publisher
AutoCAD Revit Structure	ESRI ArcGIS Spatial Analysts v10.1
Bentley CloudWorx for MicroStation	ESRI ArcPAD



Strand Associates, Inc.® Office and Field Equipment	
Bentley Hammer	ESRI ArcReader
Bentley Microstation	ESRI ArcView – Single
Bentley WaterGEMS – Unlimited Pipes	ESRI ArcView – Network
Computer Software (Continued)	
Estimator	Microsoft Windows SQL Server
Flowlink	Ops 32 – Ops Systems
Flygt Catalog and Program	Panzura OS
Google Earth Pro	Pcounter for Windows
Professional Groundwater Vistas	PDF ToolKit
ICC Code Council	PDF-Xchange Professional
InfoWater	Project Management
KYPipe Pro	QuickTime
Microsoft Exchange Server	RSMMeans Building Costs
Microsoft Office	Shoretel Communicator
Microsoft Office Live Meeting	Survey Link 32
Microsoft Professional Desktop	Thrust Restraint Design for Iron and PVC Pipe
Microsoft Project	Trimbel PC-BoB
Microsoft SharePoint Server Standard	Trimble Business Center
Microsoft Systems Management Server (SMS)	Trimble Geomatics Office
Microsoft Terminal Server	Universal Imaging Utility (UIU)
Microsoft Virtual PC	Visual Modflow v3.0
Microsoft Visio Professional	WinDirStat – Windows Directory Statistics
Microsoft Visio Standard	Winflows
Microsoft Visual Studio Enterprise	WinSLAMM v10.0
Microsoft Windows Server	Wonderware Development Studio
Field Equipment – Major Equipment	
Confined Space Entry Safety Equipment: 9 – Gas Detectors 2 – Ventilation Blower	Concrete, Bituminous and Testing Equipment: Field equipment provided as necessary
Surveying	
Total Stations: 14 – Trimble S6 Robotic Total Stations	Levels: 1 – Trimble DiNi Digital Level 7 – Topcon At-B2 8 – Topcon At-F2 25 – Topcon At-G2
Transits: 11 – Topcon DT-O5 2 – Topcon AG-20B 3 – Topcon AG-20 1 – Topcon AG-30 6 – Geotec T-24	GPS: 5 – Trimble R10 RTK GPS Rovers 6 – Trimble R8 RTK GPS Rovers 2 – Trimble GeoExplorer 6000S 4 – Trimble R12i RTK GPS Rovers
Data Collector: 20 – Trimble TSC3/TSC7 Data Collectors	
Terrestrial	
Leica ScanStation P-40	



### 3.4 Workload Status

3.4.1 Based on the Engineering Firm’s current workload and staffing, indicate the current percentage of capacity at which the Engineering Firm is operating. Indicate the current backlog (if any) of the assignments in months.

Our scheduling system enables us to look at a period of up to 2 years. Beginning in August 2024, we are approximately 10 to 20 percent available firmwide; it is important to note that this availability increases monthly, the further out considered. Our current backlog is \$208.6 million. Based on our percent availability in August 2024, it will take us approximately 20 months to complete our current backlog while maintaining our 10 or 20 percent availability to take on additional work. This backlog is scheduled out over a longer period than 20 months because of time constraints related to funding schedules and material/equipment availability. Some projects in our current backlog are anticipated to last up to 60 months. This is how our availability continues to increase monthly.

3.4.2 Based on current assignments, backlogged assignments and known future assignments not currently in-house, indicate the percentage of capacity that the Engineering Firm will be operating during the time period indicated in the RFQ and the ability to meet the time constraints for completion of the project tasks while completing other prior committed workloads which involve members of the team identified for assignment to this project.

The RFQ does not indicate a time period for this project; however, we anticipate that the selected firm will need to start in the fall of 2024 on the application. The TWDB will then score the PIFs they receive and publish a draft IUP in summer 2024. The comment period follows, and the final IUP is anticipated to be approved in August 2024.

The City will then receive an invitation to apply in the fall of 2024. The formal application is due within 4 months, with December being the target. By the time the City receives its invitation to apply in the fall of 2024, our scheduling currently indicates that our project team will have approximately 25 to 45 percent availability to prepare the application.

3.4.3 Identify the percentage of time key personnel will devote to this project.

Key Personnel	% of Time Devoted
William Huebner, P.E. – Project Manager	20%
Ryan Tinsley, P.E., ENV SP – Overall Quality Control Engineer	5%
Andy Mullendore – Water Supply Quality Control Engineer	5%
Hollie Janecka, P.E. – Project Engineer	15%
Mark Rudolph, P.E. – Project Engineer	15%
Mary Seehafer, P.E. – Electrical Engineer	10%
Keith Behrend, P.E. – Structural Engineer	10%
Morgan Ruiz, E.I.T. – Project Designer and RPR	25%
Logan Andrepont, E.I.T. – Project Designer and RPR	20%
Luke Hellermann, P.G. – Environmental Specialist (if needed)	2%
Bob Schmidt, RPLS – Lead Surveyor	1%
Christian Fridye – Survey Crew Chief	2%

3.4.4 Identify tasks to be completed locally, by an identified associated office or by an identified subcontractor.

We will primarily serve this project from our local office in Brenham, Texas. If needed, Luke Hellermann, P.G., Environmental Specialist, will serve this project from our office in Madison, Wisconsin.

If the City prefers having all specialty subconsultants working through us, we propose utilizing the following firms:

- Terracon Consultants, Inc. – Geotechnical Investigations



- Cultural Resource Analysts, Inc. – Archaeological Studies
- Archer Engineering, LLC – Electrical Engineering
- Cypress Environmental Consulting – Wetland Delineation
- Kelley Environmental Consulting, LLC – NEPA Consultant

### 3.5 Experience

The Engineering Firm shall list examples of the Firm’s project management, design, and construction management experience. List the most recent 5 years’ experience (maximum of 10 assignments). Experience must include: Name, Location, Contact Person and Telephone Number, Date of Engagement for Assignment.

#### **Expertise and Experience with Relevant Local and National Projects Instills Confidence in Successful Projects for the City of Sweeny**

Our team has worked together to complete many similar water supply projects, some of which are described below. In addition to these, as a result of our decades-long relationship with the City, our firm is very familiar with local site conditions in the Sweeny area. We currently serve the nearby cities of Brazoria, Richwood, Rosenberg, Eagle Lake, and El Campo.

##### **TWDB Water System Improvements – El Campo, TX**

**Reference: Jerry Lewis, Director of Utilities,** [REDACTED]

We designed approximately 28,000 feet of 6- through 12-inch water distribution lines to replace old, deteriorated lines to complete loops for increased fire protection flow rates, including service lines, valves, and appurtenances, and replace approximately 3,500 feet of 6-inch sanitary sewer line to maintain separation from water lines. We also designed a SCADA system for the water system and electrical upgrades at the Wilson Road water pumping station.

While design was started and completed in 2016 under TWDB funding, construction funding was not available at that time. The project was on hold until the recent ARPA CLFRF funding provided the City with the money for construction. Most of the water line replacement will be within TxDOT ROW, as well as the downtown commercial area. It will be critical that we coordinate with TxDOT and the local businesses to reduce the impact of the project on traffic, parking, and daily business once construction starts. Construction is anticipated to be completed by April of this year.

##### **TWDB Water Plant Improvements and Standpipe – Central Washington County Water Supply Corporation – Washington County, TX**

**Reference: Ken Miller, Board President,** [REDACTED]

We provided design-, bid-, and construction-phase services for three TWDB funded water supply projects. The first included improvements to an existing water plant, including installation of a new set of iron filtration units, expansion of the pump and controls building, and reconfiguring site piping to accommodate additional water supply and storage. The second project consisted of constructing a new public drinking water well sized for approximately 200 gpm, which was connected to a nearby water plant site (listed above). The third and final project included installation of a new 348,000-gallon standpipe. The last of these was completed in 2021.

##### **TWDB Water Plant – Woodbranch Village, TX**

**Reference: Charlotte Smith, City Administrator,** [REDACTED]

We provided design-, bid-, and construction phase services for the City’s water plant, funded by TWDB, which consisted of two projects. The first project included constructing a 150,000-gallon steel ground storage tank. The second included constructing a booster pump station consisting of two 800-gpm booster pumps and associated piping within the water plant. The project also included installation of piping to connect an existing well to the water plant and from the water plant to an existing elevated storage tank. This project was completed in 2021.



### 2023 Rexville Road Water Plant – Sealy, TX

**Reference: Kimbra Hill, City Manager, [REDACTED]**

We are providing design- and construction-phase services for a 1,500 gpm water well, a 500,000-gallon ground storage tank, and a booster pumping station to improve water supply and water pressures, and to keep up with increased demands within the northern parts of the City’s water distribution system. This project is anticipated to be completed in 2025.

### Downtown Water Well and Raw Water Main – Sealy, TX

**Reference: Kimbra Hill, City Manager, [REDACTED]**

We provided design- and construction-related services to construct a 1,000 gpm water well with 2,000 feet of 10-inch raw water main connecting the well site to the Silliman Road Water Plant to improve water supply and redundancy within the City’s water distribution system. This project is anticipated to be completed in spring 2024.

### North Water Plant – Richwood, TX

**Reference: Clif Custer, Director of Public Works, [REDACTED]**

For this four-part project, we provided design-, bidding-, and construction-phase services for a new water plant. The components of the new water plant include a pump building, booster pumps, chlorine building, water treatment system utilizing chlorine and polyphosphate, and related site work and yard piping. Two booster pumps were installed initially with floor- and electrical-space for a future third booster pump. The project also includes various water main extensions, a 350,000-gallon, welded steel ground storage tank, and a new water well.

The new well is a two-string, underreamed and gravel-packed well with 18-inch carbon steel casing to a depth of 300 feet with 25 feet of 12-inch stainless steel wire wrapped screen, and with 12-inch carbon steel blank liner under the screen to a total depth of 340 feet. Production from the well is 600 gpm. The well is equipped with a submersible pump and motor.

In addition, the North Water Plant includes a generator and supervisory control and data acquisition (SCADA) improvements. We designed the generator to provide the water plant emergency power for 72 hours. An asphalt driveway for access to the plant was also included in the final design. This project was completed in 2023.

### 2021 ARPA CLFRF New Elevated Storage Tank (EST) – Cleveland, TX

**Reference: Robert Meadows, Utilities Superintendent, [REDACTED]**

This project consists of a new 500,000-gallon steel, multilegged EST to be constructed to provide water supply to a new elementary and middle school on the northwest side of the city. We performed design and construction-phase services on a tight timeline due to the school needing this tower to open in the fall of 2022. A water model was prepared to verify adequate supply and distribution consumptions during fire flow and peak demand situations. This tank will assist the rest of the city with pressure issues and production.



New EST – Cleveland.

This project includes new 12-inch water piping, an altitude valve system, a mixing system to prevent stagnant water, site grading, and an asphalt driveway. There were several correspondence meetings during construction with TxDOT, the school district, the school’s contractor, and the City regarding access for the tank construction. Construction was completed in summer 2022.

### Water Distribution System Improvements – Tarkington Special Utility District – Cleveland, TX

**Reference: LB Chapman, General Manager, [REDACTED]**

We prepared designs for two new 150,000-gallon ESTs; altitude valves for two elevated tanks, including related plant piping and electrical; and approximately 7 miles of new 8- and 12-inch distribution lines to upgrade the existing distribution system, including appurtenances.



New EST – Tarkington SUD.

Our services included design- and construction-phase services. This project received funding from USDA Rural Development and was completed in December 2019.



### 3.6 References

The City will contact references, in addition to the contact person(s) listed, the City may discuss the Engineering Firm’s work performance with any current or former employee of the reference firm. References must include: Project Name & Location, Engineering Firm’s role and responsibility, specific client contacts, list name(s) and phone number(s) of the City(s) representatives, name and phone number of Project Engineer, list name(s) and phone number(s) of Governmental Agency contact and brief description of the projects and Firm’s duties.

#### References Attest to Success of Similar Projects

Our Corporate Mission states that we are “dedicated to helping clients succeed through excellence in engineering.” In accordance with this mission, we are continually expanding our staff and service offerings to broaden our base of experience and knowledge so that we can provide more creative and comprehensive solutions for our clients.

We have developed and continue to maintain long-standing affiliations, many extending into several decades of service. For some clients, we serve as appointed engineers and are active committee members; for others, we serve as specialty consultants to their in-house staff on an as-needed basis. Our service is flexible and tailored to the unique needs of each client.

We encourage the City to contact our references, as we are confident that they will attest to the value we provided them through our services.

Strand Associates, Inc.® References				
Project Name and Location	Project Description	Engineering Firm’s Role and Responsibility	Project Engineer	Client Contact
TWDB Water System Improvements – El Campo, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	William Huebner, P.E. Strand Associates, Inc.® 979-836-7937	Jerry Lewis Director of Utilities ██████████
TWDB Water Plant Improvements and Standpipe – Central Washington County Water Supply Corporation – Washington County, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Mark Rudolph, P.E. Strand Associates, Inc.® 979-836-7937	Ken Miller Board President ██████████
TWDB Water Plant – Woodbranch Village, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Morgan Ruiz, E.I.T. Strand Associates, Inc.® 979-836-7937	Charlotte Smith City Administrator ██████████
2023 Rexville Road Plant – Sealy, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Ryan Tinsley, P.E., ENV SP Strand Associates, Inc.® 979-836-7937	Kimbra Hill City Manager ██████████
Downtown Water Well and Raw Water Main – Sealy, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Ryan Tinsley, P.E., ENV SP Strand Associates, Inc.® 979-836-7937	Kimbra Hill City Manager ██████████
North Water Plant – Richwood, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Ryan Tinsley, P.E., ENV SP Strand Associates, Inc.® 979-836-7937	Clif Custer Director of Public Works ██████████



Strand Associates, Inc.® References				
Project Name and Location	Project Description	Engineering Firm's Role and Responsibility	Project Engineer	Client Contact
2021 ARPA CLRF New Elevated Storage Tank – Cleveland, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Hollie Janecka, P.E. Strand Associates, Inc.® 979-836-7937	Robert Meadows Utilities Superintendent [REDACTED]
Water Distribution System Improvements – Tarkington Special Utility District – Cleveland, TX	See <i>Section 3.5</i> for project description.	Design- and construction-phase services	Hollie Janecka, P.E. Strand Associates, Inc.® 979-836-7937	LB Chapman General Manager [REDACTED]
USDA-RD Water System – Splendora, TX	Preliminary engineering report to evaluate existing and proposed water needs.	Design- and construction-phase services	Ryan Tinsley, P.E., ENV SP Strand Associates, Inc.® 979-836-7937	Danna Welter City Administrator [REDACTED]
GLO CDBG-DR 14-inch Water Line Improvements – La Grange, TX	Approximately 1 mile long 14-inch water line from an existing pumping station to tankage.	Design- and construction-phase services	Hollie Janecka, P.E. Strand Associates, Inc.® 979-836-7937	Frank Menefee Assistant City Manager [REDACTED]

### 3.7 Claims/Performance/Insurance/Bonding

3.7.1 If the Engineering Firm is currently involved in litigation or arbitration based on its work, briefly describe the nature of the claim.

#### **No Legal Actions Exist that Will Impact This Project**

We do not have any ongoing lawsuits that will prevent us from providing excellent service or completing the services under this statement of qualifications. Because of the confidential nature of claims and litigation, we welcome the opportunity to discuss this further if the City has any concerns.

3.7.2 If the Engineering Firm has ever been terminated from an assignment for non-performance, please briefly explain.

We have never been terminated from an assignment for non-performance.

3.7.3 Name of Engineering Firm's General Liability, Worker's Compensation and Professional Liability insurance carrier and agent's address and telephone number.

#### **General Liability and Worker's Compensation**

Ms. Connie Easland  
Ansay & Associates, LLC  
2901 W. Beltline Highway, Suite 202  
Madison, WI 53713  
[REDACTED]

#### **Professional Liability**

Willis Towers Watson Certificate Center  
Willis Towers Watson Midwest, Inc.  
c/o 26 Century Boulevard  
P.O. Box 305191  
Nashville, TN 37230-5191  
[REDACTED]



3.8 Joint Ventures/Subcontracts

If it is anticipated that this assignment will be executed as a joint venture, and/or of 25% or more of the assignment based on either cost or time is to be subcontracted, provide the company's name of the joint venture partner and/or subcontractor and the proposed work for which it is responsible. Joint venture partners and subcontractors responsible for 25% of the work as indicated above must provide a separate Qualification Package.

We will not execute this assignment as a joint venture, nor will our proposed subconsultants be responsible for 25 percent of the work.

3.9 Submittal shall be signed in accordance with the following format:

Submitted By: (must be principal of the Firm)

[Redacted signature area]

Signature

Joseph M. Bunker  
Name (typed)

3/1/24  
Date

Corporate Secretary  
Title