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EXECUTIVE SUMMARY / FIRM OVERVIEW

Name of Firm: Bain Medina Bain, Inc.
Address: 7073 San Pedro
San Antonio, TX 78216
Telephone: (210) 494-7223
Point of Contact: Carl Bain, PE
Email Address: cbain@bmbi.com
Year Established: 1959 (62 Years)
Size of Firm: 38 Team Members*
Firm Registration: Texas Board of Professional
Engineers and Land Surveyors
#10020900 / F-1712
Certifications: South Central Texas Regional
Certification Agency (SCTRCA)
Small Business Enterprise/
Minority-Owned Business
Enterprise/Hispanic American
Business Entity (SBE/MBE/
HABE #221089096
Texas Historically Underutilized
Business (HUB) #1741325407300

Nature of Professional Staff

We have a current staff of 38 employees, which include professional engineers, registered surveyors, CADD technicians, and support personnel with a wide range of expertise.

BMB has been providing civil engineering and surveying services, having the reputation as a trusted and reliable engineer for water and wastewater design. In the last 11 years, we have designed over 110,000 LF of water lines and over 164,000 LF of wastewater lines ranging in size from 8" up to 96" in diameter for such clients as the San Antonio Water Systems (SAWS), San Antonio River Authority (SARA), City of Del Rio, and the City of San Marcos.

Our proposed Project Manager and QA/QC, Carl Bain, PE, proposed Project Engineer, Cassio Conceicao, PE, and proposed Survey Manager, Gregorio "Greg" Lopez, RPLS will oversee all projects, as applicable to the service required, for The City of Johnson City (the City) water and wastewater projects. Resumes demonstrating their experience and expertise as it relates to water and wastewater projects are included in this submission.

BMB has reviewed the Federal Provisions regarding EEO, Civil Rights, etc. It is important to note, that in addition to utilizing, as necessary, sub-consultants who are HUB, DBE, MBE, or WBE certified, BMB is a HUB and MBE certified firm.

The City can be assured that BMB will be cognizant of, comply with, and enforce all applicable Federal, State, and local laws, regulations, and ordinances.

BMB will provide the necessary insurance requirements, including general liability, workers' compensation, and professional liability, upon notification of contract award, and within 10 calendar days.

As a member of the Johnson City team, we anticipate providing application preparation services (including signed/sealed cost estimates); preliminary and final design plans and specifications; preparation of bid packet(s); field testing and inspections (interim and final); and any other unique and/or special services which may be required for each project assigned under this effort.

We look forward to the opportunity to be part of the The City of Johnson City team for water and wastewater projects. We are confident that we can provide the City with the depth of resources and the technical expertise necessary for successful completion of grant applications and assigned projects.

Sincerely,



Carl Bain, PE
Executive Vice President

EXPERIENCE

Bain Medina Bain, Inc. (BMB) is a small, minority-owned engineering and surveying firm based in San Antonio providing civil, structural, transportation engineering, and surveying services to clients throughout Texas.

Since 1959, BMB has been known as a trusted provider with an established reputation with City, County and State agencies. Our extensive client base includes private and commercial developers, educational organizations, municipal, county, state and federal governmental agencies. For 60 years, our smart designs and state of the art surveying/scanning help to make the communities we live in, and travel throughout, safe and friendly.

BMB MUNICIPAL/GOVERNMENT CLIENTS

Following is a list of government clients (local, municipal, city, state and other governmental entities) BMB has provide civil engineering and surveying services to:

- Alamo Regional Mobility Authority
- Bexar County Facilities and Parks
- Bexar County Flood Control CIP
- Bexar County Information Technology Department
- Bexar County Infrastructure
- Bexar County Public Works
- Bexar Metropolitan Water District
- Brazos River Authority
- Brooks Development Authority
- Canyon Regional Water Authority
- Central Texas Regional Mobility Authority
- City of Austin
- City of Boerne
- City of Bulverde
- City of Castroville
- City of Cibolo
- City of Del Rio
- City of Eagle Pass
- City of Fair Oaks Ranch
- City of Helotes Economic Development Board
- City of Hill Country Village
- City of Kerrville
- City of Kirby
- City of La Vernia
- City of Laredo Engineering Department
- City of Leakey
- City of New Braunfels
- City of Olmos Park
- City of San Antonio Department of Aviation
- City of San Antonio Public Works Department
- City of San Antonio Parks and Recreation
- City of San Antonio Airport System
- City of San Antonio Transportation and Capital Improvements (now the Capital Improvements Management Services Department)
- City of San Marcos
- City of Schertz
- City of Seguin
- City of Selma
- City of Shavano Park
- City of Terrell Hills
- City of Universal City
- County of LaSalle
- County of Real
- County of Val Verde
- CPS Energy
- Defense Commissary Agency - Construction-Design Branch
- Department of U.S. Air Force
- Edwards Aquifer Authority
- Fort Sam Houston (JBSA)
- Port Authority of San Antonio
- San Antonio Housing Authority
- San Antonio River Authority
- San Antonio Water System
- San Antonio Zoo
- Texas Facilities Commission
- Texas General Land Office
- Texas Health and Human Services Commission
- Texas Parks and Wildlife
- Texas State University
- TxDOT - Abilene
- TxDOT - Austin
- TxDOT - Bridge Division
- TxDOT - Brownwood
- TxDOT - Bryan
- TxDOT - Corpus Christi
- TxDOT - Dallas
- TxDOT - El Paso
- TxDOT - Fort Worth
- TxDOT - Houston
- TxDOT - Laredo
- TxDOT - Pharr
- TxDOT - San Antonio
- TXDOT Aviation Department
- United States Army Corps of Engineers
- University Health System
- University of Texas Health Science Center San Antonio
- University of Texas System
- VIA Metropolitan Transit

EXPERIENCE

FEDERALLY FUNDED PROJECT EXPERIENCE

Below is a list of our experience with federal entities which directly reflects our experience with federal funding:

- Camp Stanley Culvert Project
- Brooks City Base Building 661 Driveway Survey
- Brooks Air Force Base Building 662 Addition Survey
- Brooks Air Force Base Building 749 Survey
- Lackland Air Force Base BRAC Intelligence Operations Center
- Lackland Air Force Base Drainage Channel Reconstruction
- Lackland Air Force Base Airman's Gate Design
- Fort Sam Houston High School Student Center
- Brook Army Medical Center San Antonio Military Medical Center Expansion (SAMMC)
- Fort Sam Houston Battlefield Health and Trauma Research Center
- Fort Sam Houston New Middle School
- Fort Sam Houston Elementary School Renovation
- Fort Sam Houston VA National Cemetery & Road Condition Analysis
- Fort Sam Houston Primary Health Clinic
- Fort Sam Houston Budge Dental Clinic Expansion, LEED Silver
- Fort Sam Houston Main Gate Survey
- Randolph Air Force Base Runway 14L-32R Reconstruction
- Randolph Air Force Base East, West, and South Gate Survey
- Randolph Air Force Base Storm Sewer System Rehabilitation Evaluation Survey
- Randolph Air Force Base Block Topographic Survey
- Laughlin Air Force Base Survey
- Laughlin DCC Waterline Extension
- Veterans Administration Hospital & Visitor Parking Lot
- Greater Kelly Development Authority - East Kelly Crane Facility
- Greater Kelly Development Authority- Historic Building 1680

SCOPE OF WORK

Cost Estimating Services

BMB's in-depth knowledge of cost estimating services from project development through construction of water and/or wastewater projects is demonstrated in our list of completed municipal and federally-funded projects included in this submission. This knowledge includes the use of applicable historical unit prices and cost

calculation processes which will be critical during the grant application development and submission process.

Because of our past project experience on similar water and wastewater projects, we have been able to build a cache of bids and construction data about similar project costs. We will also use our knowledge of the TxDOT specification and TxDOT database of bid prices for water and/or wastewater projects. Throughout the planning and design process on this project, the cost estimates will be calculated and compared to budget expectations to ensure that design efforts stay within established budget. This approach allows us to provide estimates of probable construction costs at each stage of plan development, from the preliminary phase of a project, through each integral step in the construction plan preparation process.

BMB will deliver a detailed cost estimate, scope of the proposed project with a site plan and picture, critical path schedule, recommended changes, all calculations, and related reference information used for estimating and recommendation for potential water and/or wastewater projects.

BMB has over 60 years of knowledge of the San Antonio and surrounding areas/regions to include Johnson City. The engineering principals don't change, just the design tools and the methods of estimating a project. Construction methods get better and the material costs keep changing. Staying informed with the local contractors and the construction cost trends help forecast the estimates in an accurate and concise method. We have scoped projects and provided estimates for infrastructure projects for many agencies like SAWS; COSA Public Works, Parks and Recreation, and Aviation Department; City of Del Rio, and TxDOT San Antonio District, just to name a few. Each project adds to our knowledge base and our archive of past projects. All of this history is stored for project just like ones that would be considered during the grant application process.

BMB has prepared over 20 estimates using RS Means over the last 5 years. In addition to attending seminars offered by water entities, BMB team members regularly attended on-line tutorials to stay up-to-date with RS Means changes and updates. BMB has prepared multiple RS Means estimates related to water and wastewater projects. Most of the estimates were related to different site conditions than what was known during the design. BMB staff has extensive experience with different

EXPERIENCE

construction means and methods, this helps us to create accurate estimates using RS Means. Since not every aspect of water and sewer construction is fully covered by RS Means content, combining our construction field experience with RS Means data helped us to create estimates that are in line with contractor's and owner's expectations.

Preliminary and Final Design Plans and Specifications Services

Preliminary Design Phase

This phase establishes the general size and scope of the project and its location on the selected site. Services may include the following:

- Prepare a preliminary engineering plans/reports on the project in sufficient detail to indicate clearly the problems involved and the alternate solutions available to the City, to include preliminary layouts, sketches and cost estimates for the project.
- Consult with the client, review preliminary reports, clarify and define project requirements, review available data, and discuss general scheduling. Conferences with approving and regulatory governmental agencies and applicable utilities also may be required.
- Advise the client about requirements for additional data or services described in the study and report phase, and assist the client in obtaining such data and services.
- Prepare preliminary design documents, including final design criteria, preliminary drawings, outline specifications, and written descriptions of the project.
- Determine right-of-way and easement needs.
- Present the project to the public or to affected citizens/businesses. Prepare revised opinions of probable total project costs.
- Provide periodic status reports.

Final Design Phase

This phase of project development will be undertaken upon approval from the City for the preliminary design phase materials. The services for the final design phase may include, but is not limited to the following:

- Prepare detailed design plans and specifications for the use of the bidding and construction of the project, abide by all of the latest applicable federal, state and local rules, regulations, specifications, special specifications, ordinances, codes, Texas Commission on Environmental Quality (TCEQ) requirements, and any other pertinent governing entity requirements for the development of the

design plans and supporting documents.

- Prepare construction drawings and specifications showing the character and extent of the project based on the accepted preliminary design documents.
- Prepare right-of-way and easement documents.
- BMB will prepare a quantity take off for each sheet of the plans and then a total for the project. These quantities are checked by an independent reviewer. Each unit price is reviewed based on industry average unit prices and on recent bid information gathered by BMB. This information gathered includes bids of projects prepared by BMB and recent bids on projects prepared by others. Based on the information obtained, the specifics of each project, a unit price is determined for each item specified. If parts of the project are unique or different, BMB will discuss these elements with The City of Johnson City and will reach out to local contractors for input on establishing a unit price.
- Furnish the necessary engineering data and assist in the application for regulatory permits from local, state, or federal authorities. These are distinguished from and do not include detailed applications and supporting documents for government grants-in-aid or planning grants that would be furnished as additional services, described later in this chapter.
- Prepare basic documents related to construction contracts for review and approval by the client and the client's legal and other advisors. These may include contract agreement forms, general conditions and supplementary conditions, invitations to bid, instructions to bidders, insurance and bonding requirements, and other contract-related documents
- Submit detailed drawings and plans/specifications to appropriate regulatory agency(ies) and obtain approval.
- Furnish the client a specified number of copies of drawings, specifications, and other contract documents.
- Present the project to the public or to affected citizens and businesses.
- Provide periodic status reports.

Timely completion of projects and the constant endeavor to maintain and assess the project timeliness is key to a successful project. With our history of project success for the City of San Antonio, TxDOT, Bexar County, SAWS, and others, BMB has proven its capability to deliver quality designs, responsive service, and cost-effective results. We have a solid record of timeliness with agencies in both the public and private sectors for

EXPERIENCE

meeting design completion deadlines and milestone submittals. Our Project Managers and Principals strictly monitor project schedules and track estimated completion times and commitments of manpower. We have the professional and technical staff necessary to allocate additional resources if a project should require expedited services and have the previous experience on "fast track" projects to meet all design completion dates and milestones. We would be able to address any project awarded to us, in the time frame that the City of Johnson City specifies.

Preparation of Bid Packet Services

Services under this phase may include the following:

- Assist the client in advertising and obtaining bids or negotiating proposals for each separate prime construction contract, maintain a record of prospective bidders to whom bidding documents have been issued, attend pre-bid conferences, and receive and process deposits for bidding documents.
- During the preparation of bid packets, BMB follows the recommendations of AACE International in developing an opinion of probable construction cost (OPCC). As demonstrated in the key personnel resumes including in this submission, our team members have the necessary experience developing OPCC'S for many water and wastewater projects. We keep an internal database from past projects bidding results for similar projects reflecting the scope we anticipate for The City of Johnson City projects. We use this database in conjunction with project's challenges to mold to specific applications. For the preliminary OPCC, we use a Class 2 approach to estimating the cost of the projects. For the final design OPCC, we use a Class 1 approach.
- Issue addenda as appropriate to interpret, clarify, expand, or amend the bidding documents.
- Assist the client in determining the qualifications and acceptability of prospective contractors, subcontractors, and materials suppliers.
- Advise the client on the acceptability of alternative materials and equipment proposed by the prospective constructors when substitution prior to the award of contracts is allowed by the bidding documents.
- Attend the bid opening, prepare bid tabulation sheets, and assist the client in evaluating bids or proposals and in assembling and awarding contracts for construction, materials, equipment, and services.
- Assist in issuing Notice to Proceed to construction contractor.

Field Testing and Inspections Services

Inspections have been an evolving and growing service that BMB is providing within the past two years. Although periodic construction inspections have always been a part of the services provided to clients, BMB has made it a priority to standardize and grow the way we perform inspections. We have created a customized checklist to maximize inspection efficiency and accuracy. This checklist includes inspection of water lines, sanitary sewer lines, sanitary sewer manholes, coordination of general testing such as density and backfill. In detail, the inspections would include, but are not limited to the following activities:

- Water Lines – Material and class are proper, pipe dimensions, pipe fittings, all applicable components applied, proper backfill, hydrostatic testing, disinfection provided.
- Sanitary Sewer Lines – Material and class are proper, pipe dimensions, pipe deflection, backfilling, review video (pre and post-development).
- Sanitary Sewer Manholes - cleaned and wiped, vacuum testing, proper backfill.
- Inspection reports – to be completed after every visit, complete with date, time, weather conditions, personnel on-site, discussions completed, and observations, photos to be taken.

BMB has used this inspection checklist on several projects with water and wastewater projects.

Other Special Services

Bidding Phase

A signed and sealed bidding package will be prepared which will include the plans with details, specifications and the front end documents and a final tabulation of expected construction cost. This package will be submitted to the City for a constructability review. Based on the review, the documents will be revised and submitted for bidding. The team will attend the pre-bid conference; provide responses to bidder's design related questions; correct or clarify Contract Documents; prepare addenda as necessary; attend Bid Opening; assist the City with evaluation of bids, investigation of contractor's qualifications, and make recommendations for contract award.

EXPERIENCE

Construction Administration

- Assist in pre-construction conference and prepare copy of report/minutes.
- Consult with and advise the City during construction; issue to contractors all instructions requested by the City; and prepare change orders if required.
- Review submittals furnished by contractors for compliance with design concept and with information given in contract documents (contractors will be responsible for dimensions to be confirmed and correlated at job site).
- Review all payment requests.
- Make periodic visits, no less than every 15 days during the construction period, to the construction site to observe the progress and quality of the work, to ensure that the work conforms with the approved plans and specifications, and to determine if the work is proceeding in accordance with the Agreement.
- Carl Bain, PE, will coordinate field testing and inspections with The City of Johnson City and inspection department to assure no issues are overlooked.
- Final Inspection of the project will be performed and a punch list created of items needing corrective action. After punch list items are completed, BMB team will notify The City of Johnson City that all work has been performed in accordance with contract documents. We will accompany The City of Johnson City personnel and the Contractor on a final walk-through of the project.
- Prepare a set of “record drawings” plans.

BMB can also provide full-time inspection services if the City does not have staff available or necessary expertise.

Quality Assurance/Quality Control (QA/QC)

The BMB Team will formulate a plan of action to successfully complete any water and/or wastewater project assigned by The City of Johnson City. We anticipate many of these projects will be very similar to those projects that BMB has finished design or is currently under design. Our work plan will involve a “hands on” approach in managing the project, maintaining the flow of communication between key players and stakeholders, utilizing the latest technological tools for effective planning, design, scheduling and cost estimating, while maintaining the highest standards of quality control checks and balances.

BMB’s Quality Control Program (QCP) defines a consistent approach to design quality management, quality procedures, and document management that BMB will follow throughout the project.

QA/QC Technical Reviewer Carl Bain, PE, has extensive experience with water and wastewater design and will provide a technical review of all project designs. Technical reviews will be done for every phase of the project design to ensure that the water or wastewater design fully considers the technical risks prior to the project progressing to next stage. As the project progresses, plan and specification reviews will be completed at each milestone. Carl will be focused on constructability issues such as TCEQ requirements, water shut-down, and traffic control to name a few.

The initial phase of our QCP initiates by developing a project QA/QC matrix document that correlates and documents QCP tasks with the project milestone submittals. This document is an excel spreadsheet saved under BMB’s network and will be updated by the design engineer and the technical reviewer as the project progresses. The QCP Leader is responsible for reviewing the QA/QC matrix document addresses all issues highlighted by the design team.

The scheduled milestone reviews consist of a three-tiered program. In the first tier, a review is conducted by the design engineer member that is directly involved with the design. For the second tier, a review is conducted by the Technical Reviewer. At this tier, an added emphasis on design approach, engineering computations, industry standards, conformance to design requirements of the project. The final tier review is conducted by the QCP Leader, who is not involved with day-to-day project tasks and his review will stress the project is constructible and biddable. Each tier includes its own set of reviews, checks, and back checks with documentation to ensure resolution of each reviewed element. The responsible party for each step will complete, initial, and date the appropriate section on the project QA/QC matrix document after the completion of each task for each milestone review. The QCP Leader and the Technical Reviewer both review and sign off on the Project QCP Document for completeness prior to each submittal.

EXPERIENCE

Survey Services

It is important to note that BMB has a full service survey department with the experience and expertise necessary to meet any needs that may arise.

Our surveying department has built a solid reputation in the Texas market providing fast, quality work to other utilities, local and regional municipalities, as well as state and federal agencies. BMB's survey leaders and managed field crews understand how to effectively and efficiently deliver results required for surveying projects, and this contract will be no different.

BMB has surveyed hundreds of miles of water and wastewater lines and other necessary infrastructure to successfully complete a project of any nature. We have provided hundreds of permanent and temporary parcels and easements for SAWS lines throughout the San Antonio area on projects for SAWS, Alamo Colleges, and other public and private entities. Some additional services we are capable of providing in-house include: Design Surveys; Right-of-Way Surveys; Staking and Locating Existing and Proposed Facilities; Homeowner Coordination; Deed/Property Research; Profiling Creek, Drainage, and Utility Crossings; Tree Surveys; Boundary Surveys; Staking Existing and Proposed Easements; Field Investigations; Preparation of Easement Descriptions, Exhibits, and/or Drawings; Generation of Metes and Bounds; As-Build Surveys; Survey Mapping; Three-Dimensional Digital Scanning; and Construction Staking.

Environmental sustainability practices are done utilizing our scanning technology has many benefits that have positive results to the projects bottom line, as well as helping BMB to be environmentally conscious. When using our LEICA Scanner on job sites, it helps reduce the number of site visits, helping to decrease carbon footprint. Using the scanner also allows us to provide all of the data and 3D images digitally, alleviating the use of paper.

Our survey leaders and managed field crews understand how to effectively and efficiently deliver results required of on-call contracts. We have experience providing various types of surveys such as boundary, as-builts, topographical, infrastructure, flood hazards and others. We typically will locate topographic features including existing structures, roadways facilities, vegetation and concrete works and existing roadside structures such as mail boxes, street signage, light poles, etc. Our crews will also locate above ground underground utilities.

WORK PERFORMANCE

Having worked with many municipalities experiencing the need for improvements in utility infrastructure, specifically water and wastewater systems. Whether this is due to continuing growth experienced throughout the City, or due to aging and/or failing systems, the need for increasing and improving infrastructure is necessary, especially water and wastewater systems. BMB understands the challenge faced by municipalities from aging systems or as people move into the area or as growth in the city spills into the City, spurring the construction of new neighborhoods, schools, and business centers. BMB understands the importance of employing cost-saving measures where possible to stretch funding for additional projects. Likewise, a well-designed project will reduce costly construction delays, change orders, and extend the life of the project.

The BMB team will commit to successfully completing any project assigned to our team. Our BMB team will expedite the exploration of all environmental aspects of the project to ensure all requirements are complete, correct and do not result in delays to the project. From our experience, our team is aware of the importance of early and detailed utility coordination with the utility purveyors and working with the City to ensure the timely utility design of utility conflicts and adjustments to avoid delays.

BMB recognizes that for each task on a project, emphasis needs to be focused on providing a quality design that is cost-effective, safe, and delivered on schedule.

Water and Wastewater Project Experience

For over 30 years, BMB has provided a diverse range of both civil design and survey services to multiple utility agencies throughout Central and South Texas on a variety of projects involving the replacement, adjustment and installation of water and wastewater facilities. As a result of our extensive work history with this type of projects, BMB Team is accustomed to the design requirements, plans preparation, approval process, and construction coordination requirements. BMB Team is also familiar with TCEQ and TxDOT requirements and regulations that may be involved in projects assigned under this RFQ. Our experience with these types of projects makes us aware of the latest construction and materials specifications, CADD standards, and as-built standards.

Following the regulatory process of the City, County, State and Federal agencies, BMB Team would first determine which one(s) would be involved with approval

and/or permitting for the specific projects. BMB Team would then meet with the agencies involved to discuss the project, design, construction schedule and the possible approval/permitting schedule.

Most of our experience with water and wastewater facilities comes from working directly with San Antonio's local utility, SAWS. Since 2008, we have secured prime contracts with SAWS on numerous work order contracts providing engineering design and surveying services for the replacement, adjustment, and installation of water and wastewater facilities.

- SAWS 2014 Unspecified Engineering Design Contract - Governmental (9,532 LF water; 3,220 LF wastewater)
- SAWS 2015 Governmental Engineering Services Work Order Contract (600 LF water; 266 LF wastewater)
- SAWS 2016 Pipeline Engineering Services Work Order Contract - Pkg 1 (4,155 LF water; 26,724 LF wastewater)
- SAWS 2017 Pipeline Engineering Services Work Order Contract (61,126 LF wastewater)
- SAWS 2017 SSORP South Zarzamora St. Upsize & Relief (3,700 LF wastewater)
- City of San Antonio Esma Drainage - SAWS Portion (6,440 LF water; 4,685 LF wastewater)
- SAWS 2018 Pipeline Engineering Contract - Highway 90 & General McMullen (10,500 LF water)
- SAWS 2018 SSORP Engineering Design Services Small Diameter BPC Central Package 2 (4,414 LF wastewater)

A list of these projects, including details may be found in Appendix of this submission. This list fully demonstrates our ability to perform our services on projects such as that required by this RFQ.

BMB has worked on over 100 water and wastewater projects for such clients as:

- City of Del Rio
- City of San Marcos
- City of Blanco
- SAWS
- SARA

With the goal of exceeding the City's expectations at the forefront, we recognize the importance of maintaining design schedule timelines and are committed to delivering results within expected time parameters. We have also demonstrated our ability to remain focused on the bottom line by coming in under budget for original cost estimates on water and wastewater projects.

WORK PERFORMANCE

BMB has developed a process to ensure excellent lines of communication with City staff, which reinforces our ability to accomplish the requirements of any project assigned. Our “hands on” management approach will implement a conscious effort to maximize efficiencies in design procedures, closely monitor design costs, and schedule timelines throughout the duration every project.

We will monitor each project’s progress, manage the budgets, and verify that tasks stay on schedule while keeping the City informed, receive feedback, and resolve potential issues or delays as quickly and efficiently as possible through regularly scheduled meetings. BMB will ensure the team is working efficiently and communicating effectively to keep each project on schedule and within budget based on City’s needs. We will monitor progress reports, invoices, and billing to ensure the financial aspects of the project are controlled.

BMB will keep the City informed on project status, upcoming deadlines, and any project related issues to ensure that each project adheres to the scope, schedule and budget as approved, and work adheres to the QA/QC plan, design guidance manual as applicable, and other approved regulatory criteria.

Additionally, the BMB Team will work efficiently to provide quality design solutions and recommendations for each unique circumstance, while we meet submittal milestones, and provide cost savings solutions.

BMB will communicate with the City through regular meetings, workshops, and conference calls, beginning with the project kick-off meeting and site visit. Regular communication will provide for a free exchange of information with city staff, allowing the City to be an active participant in the design process and decisions.

BMB is confident that we can have a diligent performance for any project assigned to us under this RFQ, based on recent projects of similar magnitude performed by BMB and its selected team. Also included in this section are Letters of Reference from clients we have worked with that demonstrate our work performance.

SAWS Projects at a Glance

PROJECT NAME	Water		Wastewater		Water Design	Wastewater Design	Surveying	Construction Administration	Easement Preparation
	Length (feet)	Size (inches)	Construction Cost	Length (feet)					
Water main Designs Project PS-00090									
Highland Hills Water Main replacement PS0090-01	10,650 LF	8"	\$1,98M						
CNMOM Pkg 2 SSORP									
4963' rehab and replace 4,740 rehab, 123 repl OC									
1.0 MH									
Production Facilities Improvement									
SAWS King Street Pump Station Improvements									
Water Production Storage Tank Fac project PS-00095 (Sub to Tetra Tech)									
SAWS Bikers GST tank Replacement project									
SAWS Canyon GST Replacement Project (sub TT)									
Risk and Condition Assessment of water distribution mains S-19-008-FF (Sub Arcadis)									
2019 SAWS Risk and Condition Assessment of water distribution mains S-19-008-FF (Sub Arcadis)									
Small capacity Constrains Engineering design Services PS-00066 (Sub-Jones & Carter)									
2019 Small capacity Constrains Engineering design Services PS-00066 (Sub) PIPE BURST									
SSORP Engineering Design BPC Central Small Diameter Package 4 PS-00074 (Sub Plummer)									
SSORP Engineering Design BPC Central Small Diameter Package 4 PS-00074 ClPP, PB & OC									
Water Main Replacement Work order Engineering Contract PS-00071									
DSP PZ 1295 & SAWS PZ 10 Interconnect -Additional Services Incorporate									
Potranc Interconnect Project with Sonterras and Hardy Oak PRV projects Jobs									
15-4012 15-4013 and 17-7003									
WO #2 Cresthaven Heights Water Main Replacement Project	9650 LF	8"	2.7 m						
WO#3 Summer Sun Lane Water Main Replacement	6350LF	8"	1.5 m						
SSORP Eng. Dsgn. Svcs. Small Diameter BPC Central Pkg 2 PS-00084									
SSORP Eng. Dsgn. Svcs. Small Diameter BPC Central Pkg 2 PS-00084									
Hwy 90 & General McMullen 2018 Pipelines Contract									
Hwy 90 & General McMullen 2018 Pipelines Contract	10,500	12"	\$495,582.00						
Portion - Esma Drainage									
SAWS Portion - Esma Drainage	6,440	8"	\$119,820.00						
SSORP South Zarzamora St Upsize & Relief									
2017 SSORP South Zarzamora St Upsize & Relief									
Pipeline Engineering Services Work Order Contract									
2018 Unspecified ClPP Construction Contract									
(WO 4) Central Sewershed Package 4									
Central Sewershed Package 4	19,900	8"-15"	\$3,826,000.00						
Central Sewershed Package 4 Open Cul	9,700	8"-15"	\$4,000,000.00						
Central Sewershed Package 3	31,526	6 to 20	\$5,679,000.00						

SAWS Projects at a Glance

PROJECT NAME	Water			Wastewater			Water Design	Wastewater Design	Surveying	Construction Administration	Easement Preparation
	Length (feet)	Size (inches)	Construction Cost	Length (feet)	Size (inches)	Construction Cost					
Pipeline Engineering Services Work Order Contract - Package 1											
West Commerce Corridor Project	3200	4-12"	\$560,000.00	1500	8	\$160,000.00	✓	✓	✓	✓	✓
Fischer Road Phase II (IH 355 to Somerset)	737	16	\$241,000.00	580	24	\$297,000.00	✓	✓	✓	✓	✓
DR 242 - Loop 1604	-	-	-	-	-	-	✓	✓	✓	✓	✓
Flores Street - Addtl Svcs - Subdivision Platting	-	-	-	50	96	-	✓	✓	✓	✓	✓
Quintana Road (Emergency Project)	-	-	-	244	10	\$13,000.00	✓	✓	✓	✓	✓
Fischer Road Phase I (Quintana Road to IH 355)	218	16	\$9,530.00	24,000	8 to 18	\$4.5 million	✓	✓	✓	✓	✓
East Sewershed Package 1	-	-	-	-	-	-	✓	✓	✓	✓	✓
100 & 200 Blk. Pickwell Dr., DR #576	-	-	-	-	-	-	✓	✓	✓	✓	✓
2016 SMP: Lamar Street - Austin St to New Braunfels	-	-	-	-	-	-	✓	✓	✓	✓	✓
8338 NW Loop 1604 (Hausman) Sanitary Sewer Main Realignment	-	-	-	360	8	\$200,000.00	✓	✓	✓	✓	✓
Governmental Engineering Services Work Order Contract											
SH 16 at Loop 1604	800	12 to 16	\$435,000.00	70	8	\$75,600.00	✓	✓	✓	✓	✓
SH 211 (PTF)	-	-	-	Main Crossing Adjustments	-	-	✓	✓	✓	✓	✓
DR 1107, 2400 Network Park	-	-	-	Main Replacement	198	\$81,447.00	✓	✓	✓	✓	✓
DR 1106 - 14000 Block of Willow Moss	-	-	-	Manhole Reconstruction	24	\$89,872.00	✓	✓	✓	✓	✓
Kirby MPO Blinz-Engleman Sewer Manhole Reconstruction	-	-	-	Manhole Reconstruction	-	\$38,221.63	✓	✓	✓	✓	✓
I-10 East (Foster Rd. to Graytown Rd)	-	-	\$1.9 mil	-	-	-	✓	✓	✓	✓	✓
-	-	-	-	-	-	-	✓	✓	✓	✓	✓
Unspecified Engineering Design Services Contract (Governmental)											
IH-10 West Perimeter Project (FM 3351 to Fair Oaks Parkway)	Valve Adjustments	8	\$45,410.00	Manhole Adjustments	8	\$7,025.00	✓	✓	✓	✓	✓
2016 SMP Billings Dr. from Bay Horse Dr. to Prescott Dr.	1,231	8	\$280,207.00	1,250	8	\$317,014.00	✓	✓	✓	✓	✓
2016 SMP King Roger from W. Mitchell St. to Dead End	135	8	\$242,140.00	-	-	-	✓	✓	✓	✓	✓
2016 SMP King Roger from W. Mitchell St. to Dead End	590	16	-	-	-	\$30,481.00	✓	✓	✓	✓	✓
2016 SMP W. Lynnwood from Capitol to Blanco	1,995	8	\$465,745.00	-	-	-	✓	✓	✓	✓	✓
Bulverde Road Pedestrian Amenities Improvements	Valve and Meter Adjustments	8	\$8,120.00	Manhole Adjustments	8	\$3,056.00	✓	✓	✓	✓	✓
IH 35 at New Braunfels Avenue	Valve and Meter Adjustments	8	\$15,500.00	Manhole Adjustments	8	\$10,800.00	✓	✓	✓	✓	✓
N. Alamo: E Jones to US 281 Water Main Replacement	850	8	\$151,400.00	-	-	-	✓	✓	✓	✓	✓
2016 SMP W. Summit from Kampmann Blvd. to N. Zarzamora St.	3,500	8	\$815,214.00	720	8	\$220,986.00	✓	✓	✓	✓	✓
2016 SMP Lamar St - Austin St to New Braunfels	-	-	-	-	-	-	✓	✓	✓	✓	✓
IH 10: Fair Oaks Parkway	-	-	-	-	-	-	✓	✓	✓	✓	✓
FM 1560 at SH 16	Water Adjustments	6	\$5,500.00	Manhole Adjustments	8	\$13,000.00	✓	✓	✓	✓	✓
2016 SMP Billings Dr. (from Bay Hourse Dr. to Prescott Dr)	1,231	6	\$282,687.00	1,250	8	\$317,523.00	✓	✓	✓	✓	✓
E. Commerce											
SAWS Portion - E. Commerce	4,640	8"-16"	\$1,150,000.00	4,530	8"-12"	\$1,200,000.00	✓	✓	✓	✓	✓
Unspecified Engineering Design Services Contract (Governmental)											
Terrill Hills Trench Repairs	-	-	-	704 Trench Repair	-	\$149,860.00	✓	✓	✓	✓	✓
Wurzback Pkwy. Manhole Access 3 Area	-	-	-	Access Road Design	-	-	✓	✓	✓	✓	✓
Donella Drive St. Improvements	3,500	8	\$700,000.00	-	-	-	✓	✓	✓	✓	✓
US 281 and Saunders Sewer Re-Route Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
UTSA Blvd - Babcock to E Ximenes	200	18	\$146,700.00	Manhole Adjustments	-	\$5,400.00	✓	✓	✓	✓	✓
IH 10: FM 3351 to Dominion	1,700	30	\$1,749,107.00	Design Exceptions	-	-	✓	✓	✓	✓	✓
Alamo at Guenther Storm Water Drainage Phase II Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓

SAWS Projects at a Glance

PROJECT NAME	Water			Wastewater			Water Design	Wastewater Design	Surveying	Construction Administration	Easement Preparation
	Length (feet)	Size (inches)	Construction Cost	Length (feet)	Size (inches)	Construction Cost					
Alley #4 - Barbara & Shannon Lee	1,370	8	\$315,000.00	1,400	8	\$400,000.00	✓	✓	✓	✓	✓
Alley #8 E Locust & E Myrtle	500	8	\$110,000.00	-	-	-	✓	✓	✓	✓	✓
Alley #15 - Shannon Lee & Sharon Dr.	1,300	8	\$310,000.00	1,400	8	\$390,000.00	✓	✓	✓	✓	✓
Buckeye From Lockhart - Basse	4,900	12.8	\$970,000.00	-	-	-	✓	✓	✓	✓	✓
Hannasch - Dewhurst Road to IH 10	800	16.8	\$190,000.00	-	-	-	✓	✓	✓	✓	✓
Fay Avenue - New Laredo Hwy - Somerset Road	1,250	8	\$220,000.00	1,000	8	\$260,000.00	✓	✓	✓	✓	✓
Engineering Design Services - Replacements and Improvements											
DR 690 - 1600 Block San Marcos Dr.	-	-	-	387	42	\$236,900.40	✓	✓	✓	✓	✓
Oakbrook and Topsey Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
Glacier Lake Sewer Main Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
DR 824 - 1300-1500 Block Montview Dr #824	-	-	-	1,700	8	\$220,000.00	✓	✓	✓	✓	✓
DR 800 - 100-200 Block Alwalder Dr. #879	-	-	-	750	8	\$16,000.00	✓	✓	✓	✓	✓
DR 893 - 600 San Diablo St. Dr #893	-	-	-	1,300	8.10	\$360,000.00	✓	✓	✓	✓	✓
DR 680 - 1800-1900 W Mayfield Blvd Dr #680	-	-	-	750	8	\$100,000.00	✓	✓	✓	✓	✓
342 Consuelo / 340 Alicia Dr #858	-	-	-	930	8	\$110,000.00	✓	✓	✓	✓	✓
DR 895 - 400-500 East Rector St. Dr #895	-	-	-	780	8	\$240,000.00	✓	✓	✓	✓	✓
Woodlawn Storm Sewer Main Relocate Dr. #798 Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
Pecan Valley Golf Course Dr #799 Survey	-	-	-	700	12	\$246,000.00	✓	✓	✓	✓	✓
1100 Block Kendall Avenue Dr #963	-	-	-	300	8	\$80,000.00	✓	✓	✓	✓	✓
Ferndale Street Between Stonewall Dr #964	-	-	-	-	-	-	✓	✓	✓	✓	✓
Kings Highway Sewer Line Replacement Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
Engineering Design Services PRT Contract											
Commerce St. - Chilliers 6 & 7 Replacement	-	-	-	-	-	-	✓	✓	✓	✓	✓
Mitchell Lake Watershed Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
New World Site - Level A Survey	-	-	-	-	-	-	✓	✓	✓	✓	✓
SAWS Water Production Facilities Demolition Project Part B (Enchaned Eye Tank Demolition)	-	-	\$448,500	-	-	-	✓	✓	✓	✓	✓
Water Production Facilities Disinfection System Upgrades, Phase I	-	-	\$8,518	-	-	-	✓	✓	✓	✓	✓
Unspecified Engineering Design Services - Governmental Contract D-11-001-MLF											
NW 36th Street	510	6.8	\$74,156.00	1,069	8	\$157,850.00	✓	✓	✓	✓	✓
W. Harding Blvd: Commercial Ave to Logwood	-	-	-	999	8	\$155,274.75	✓	✓	✓	✓	✓
Troy Dr. Ashley Road to Dead End	1,195	8	\$149,379.00	1,096	8.10	\$203,625.00	✓	✓	✓	✓	✓
San Luis	260	6.8	\$63,980.00	206	8.12	\$55,200.00	✓	✓	✓	✓	✓
Package III: San Bernardo/ Park Terrace/ Jewett/ San Eduardo	3,945	6.8	\$515,200.00	3,806	8.10, 12, 15	\$508,795.00	✓	✓	✓	✓	✓
Package II: Jewett/ San Horacio/ Madrid	4,445	6.8, 12	\$532,306.00	4,890	8.10, 12	\$660,942.00	✓	✓	✓	✓	✓
Babcock Rd. Phase V	1,115	12, 36, 42	\$976,811.00	1,819	8.15	\$685,328.00	✓	✓	✓	✓	✓
Unspecified Engineering Design Contract D-10-005-DD											
Carriage Mist	250	8	\$67,659.16	-	-	-	✓	✓	✓	✓	✓
Wurzback Pkwy. West Ave to Jones-Maltsberger	55	8	\$32,053.64	1,842	8.10, 27	\$807,846.49	✓	✓	✓	✓	✓
US 281 and 1604	1,908	6.8, 12	\$343,778.00	1,075	12	\$663,597.00	✓	✓	✓	✓	✓
Buckeye	3,123	6.8	\$359,593.02	80	8	\$24,537.26	✓	✓	✓	✓	✓
Engineering Design Services Replacement and Improvements Contract II D-08-021-MIL											

SAWS Projects at a Glance

PROJECT NAME	Water			Wastewater			Water Design	Wastewater Design	Surveying	Construction Administration	Easement Preparation
	Length (feet)	Size (inches)	Construction Cost	Length (feet)	Size (inches)	Construction Cost					
Montana	-	-	-	714	8	\$124,741.90	✓	✓	✓	✓	✓
Waverly	890	6, 8	\$266,665.00	-	-	-	✓	✓	✓	✓	✓
20" Steel Water Main Adjustment Faith Dr.	330	6, 8	\$150,201.00	-	-	-	✓	✓	✓	✓	✓
560	6, 8, 12	\$123,561.00	-	-	-	-	✓	✓	✓	✓	✓
Engineering Design Services - Governmental											
Walters St. IH 35 to FSH	3,105	6, 8, 12	\$310,724.00	1,935	8	\$141,562.00	✓	✓	✓	✓	✓
Medina Base Road	2,535	8, 12	\$266,818.00	84	10	\$16,379.00	✓	✓	✓	✓	✓
Loretta: Hunstock to Alamosa Westway: Hoover to Southway	1,310	6	\$134,040.00	670	8	\$92,896.00	✓	✓	✓	✓	✓
Breaden: Woodlawn to Lullwood	2,065	2, 6, 12, 16	\$254,986.00	1,274	6, 8	\$156,477.00	✓	✓	✓	✓	✓
Bunkerhill: Dead End to Dead End	915	6	\$107,276.00	995	8	\$153,958.50	✓	✓	✓	✓	✓
Valley Pike: Lands Run to Deadernd	580	12	\$99,856.00	440	8	\$69,473.00	✓	✓	✓	✓	✓
Mistletoe Ave: Lake Ave to San Antonio Ave	665	6, 8	\$150,589.70	-	-	-	✓	✓	✓	✓	✓
Brocks Gap: Big Meadows to Dead End	490	6	\$65,130.00	405	8	\$70,999.50	✓	✓	✓	✓	✓
Sharpburg: Ramsgate to Spotswood	1,655	6, 8	\$211,311.00	1,353	8	\$150,189.50	✓	✓	✓	✓	✓
CoSA Bond Projects											
W. Villaral Blvd: SH 16 to Jennifer Drive	-	-	-	765	12	\$170,747.00	✓	✓	✓	✓	✓
Lord Road: Semlinger Rd to Access Loop 410	517	8	\$47,482.20	73	8	\$12,227.76	✓	✓	✓	✓	✓
Marbach Phase II A	6,519	8,12,36	\$1,123,757.13	2,225	8,10	\$234,599.65	✓	✓	✓	✓	✓
Marbach Phase II B	2,640	8,12,36	\$683,735.86	505	8,10	\$97,471.16	✓	✓	✓	✓	✓
RipRap 69	12,749	6, 8	\$1,201,567.99	15,530	8,10	\$1,493,756.83	✓	✓	✓	✓	✓
Bexar County Project											
Elm Forest	3,585	8,12	\$66,618.99	-	-	-	✓	✓	✓	✓	✓

WORK PERFORMANCE



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT

To whom it may concern,

Bain Medina Bain, Inc. (BMB) is a Civil Engineering and Surveying firm that the City of San Antonio has had the pleasure to work with for many years. Throughout various projects, BMB has presented dedication, accessibility, and compendious leadership qualities. BMB provides superior service and solutions, which greatly contributes to the success of our Public Works - Capital Improvement Projects.

Thus, their level of dedication in professional craftsmanship has allowed us to forge a long-lasting relationship between the City of San Antonio and BMB to continue the beautiful growth of San Antonio further.

We highly recommend BMB for your new project, and we believe that they will serve you in the best manner possible. If you need any verifications or further reviews, you can contact at me at 210.207.2120 or at Christopher.Alonso@sanantonio.gov.

Regards,

Christopher G. Alonso, P.E.

Senior Engineer

City of San Antonio - Public Works

WORK PERFORMANCE



100 NE Loop 410, Suite 200
San Antonio, Texas 78216-4741
(210) 798-1895
Fax (210) 798-1896

January 19, 2021

To Whom It May Concern:

Halff Associates, Inc. (HALFF) has collaborated with Bain Medina Bain, Inc. (BMB) on various public and private projects over the past several years for clients such as City of San Antonio Transportation and Capital Improvements (TCI), Texas Department of Transportation (TxDOT), Bexar County Flood Control, San Antonio Water Systems (SAWS), and various private development clients. Their work has repeatedly demonstrated an integrated work style, cost-conscious design approach, and quality civil designs and surveying services from project inception to completion.

BMB consistently demonstrates their commitment to providing quality work to HALFF by providing us with comprehensive value-based services. Communication and responsiveness are key traits of BMB's, no matter how small or large the project.

We continue to work together and pursue opportunities regularly. As a consultant and a client to BMB, we can confirm that their organization possesses the qualities necessary to provide any client with excellent engineering services.

I look forward to a continued, positive working relationship with the professionals at BMB, and recommend utilizing their services.

Respectfully,
Halff Associates Inc.

A handwritten signature in blue ink that reads "Edward F. Herolt, P.E." in a cursive script.

Edward F. Herolt, P.E.
Vice President

WORK PERFORMANCE



Innovative approaches
Practical results
Outstanding service

9601 McAllister Fwy, Suite 1008 + San Antonio, Texas 78216 + 210-298-3800 + FAX 817-735-7493

www.freese.com

February 2, 2021

To whom it may concern,

Freese and Nichols, Inc. has collaborated with Bain Medina Bain, Inc. (BMB) on various public sector projects over many years. Those projects have been crucial to the growth and sustainability of Texas Cities and Counties. Whether it's working on the San Antonio Water System Consent Decree, or the Alliance Regional Water Authority water system development project, BMB has demonstrated countless times; commitment, accessibility, and comprehensive leadership qualities.

We continue to grow our working relationship together and pursue opportunities regularly. Teaming with BMB, we strive together to represent the necessary qualities any client requires with premium services.

If you search for professionalism and quality craft, BMB is the Civil Engineer firm I highly recommend. I hope that you have the same opportunity.

Sincerely,

A handwritten signature in blue ink that reads 'Erin Mills'.

Erin Mills, PE
Project Manager
Freese and Nichols, Inc.

WORK PERFORMANCE



March 8, 2021

To Whom It May Concern:

Tetra Tech, Inc. has had the opportunity to work with Bain Medina Bain, Inc. (BMB) on Civil Engineering and Surveying contracts for the San Antonio Water System (SAWS) over the last 10 years, including the Central Water Integration Pipeline (CWIP) Project, Cagnon Ground Storage Tank (GST) Project, and Bitters GST Project. BMB has demonstrated exceptional knowledge of not only survey, but also civil design, and permitting on our teams. BMB's expertise and status with SAWS is one reason we choose them as a significant teaming partner. BMB is a solutions-oriented firm. Quick communication and responsiveness have always been a critical trait of BMB.

We continue to grow our working relationship together and pursue opportunities regularly. As a teaming partner, we strive together to represent the necessary qualities any client requires with premium services. I look forward to a continued and positive working relationship with Bain Medina Bain, Inc. and recommend using their services.

If you have any questions or need more information, feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Leslie Turner'.

Leslie Turner, P.E., BCEE, PMP
Operations Manager

Resilient Sustainable Infrastructure
711 Navarro St. Suite 560, San Antonio, TX 78205
Tel 210.299.7900 Fax 210.226.8497 tetratech.com

WORK PERFORMANCE

BARKHURST HINOJOSA P.C.

February 1, 2021

RE: Letter of Recommendation for Bain Medina Bain, Inc.

To Whom it May Concern:

I am writing this letter of recommendation on behalf Bain Medina Bain, Inc. ("BMB"). I have known Carl Bain, P.E. for over 20 years, and I have worked with Carl and BMB on many engineering and litigation projects, both public and private. In my many years of representing the City of San Antonio and the San Antonio Water System, Carl and BMB have been my go to engineering experts and consultants. I have also worked with Raymond Medina and the excellent surveyors at BMB on public and private projects.

A small sample of some of the projects with which I have had the pleasure of working with BMB are: SAWS Aquifer Storage & Recovery Project, CoSA 36th Street Project, Forum Shopping Center private consulting, Johnson Ranch M.U.D. Project, and the VFW Post 76 parking lot and drainage project.

We highly recommend BMB for your new project, and we believe that they will serve you in the best manner possible. If you need any verifications or further reviews, please do not hesitate to contact me at (210) 226-7800 or pbarkhurst@bhlawpc.com.

Sincerely,

BARKHURST & HINOJOSA, P.C.

By: 
PAUL D. BARKHURST

CAPACITY TO PERFORM

Staff Level/Experience of Staff

BMB has proven expertise in water and wastewater projects. Our team of engineers is particularly qualified in the development, design and construction management of public and private works projects involving water and wastewater projects in preparation of construction plans and specifications.

Following is a detailed list of our capability experience:

- Water Systems
- Wastewater Systems
- Streets and Roadway Design
- Drainage Analysis and Design
- Drainage Studies
- Utility Engineering | Coordination | Relocation
- Parking and Sidewalk Design
- Culverts and Low Water Crossings
- Parks and Recreational Facilities
- Hike and Bike and Greenway Trails
- Feasibility Studies and Reports
- Construction Administration

Surveying Capabilities

Our survey division is committed to delivering the most accurate and thorough survey data possible. Our survey team is led by a Registered Professional Land Surveyor (RPLS), and BMB fields multiple survey crews each under the direction of an experienced party chief. We have invested in multiple Leica Scan Stations which provides our clients with efficient, high definition laser scanning technology design for as-built, topographic and mapping surveys.

Services include:

- Boundary Surveys
- ROW Surveys
- Tree Surveys
- Topographic Surveys
- As-Built Surveys
- Survey Mapping
- Three-Dimensional Digital Scanning
- Property Research,
- Construction Staking

Certifications

- South Central Texas Regional Certification Agency (SCTRCA) Small Business Enterprise/Minority-Owned Business Enterprise/Hispanic American Business Entity (SBE/MBE/HABE #221089096
- Texas Historically Underutilized Business (HUB) #1741325407300

- TxDOT Pre-Certified (28 categories)
 - 1.4.1 Land Planning/Engineering
 - 1.5.1 Feasibility Studies
 - 2.5.1 Geological Assessment for Edwards Aquifer Recharge Zone
 - 3.2.1 Route Studies & Schematic Design
 - 4.2.1 Roadway Design
 - 4.5.1 Constructability Review
 - 5.2.1 Bridge Design
 - 5.3.1 Multi-Level Interchange Design
 - 6.1.1 Routine Bridge Inspection Team Leader
 - 6.2.1 Complex Bridge Inspection Team Leader
 - 7.1.1 Traffic Engineering Studies
 - 8.1.1 Signing, Pavement Marking, and Channelization
 - 9.1.1 Bicycle and Pedestrian Facility Development
 - 12.1.1 Asphaltic Concrete Production
 - 10.1.1 Hydrologic Studies
 - 10.2.1 Roadway Hydraulic Design
 - 10.3.1 Bridge Hydraulic Design
 - 11.1.1 Roadway Construction Management and Inspection
 - 15.1.1 Right of Way Surveys
 - 15.2.1 Design Survey
 - 15.2.2 Construction Survey
 - 15.3.3 Terrestrial LIDAR
 - 15.3.5 Horizontal and Vertical Control
 - 18.2.1 Subsurface Utility Engineering
 - 18.3.1 Utility Adjustment Coordination
 - 18.4.1 Utility Engineering
 - 18.5.1 Utility Construction Management and Verification
 - 18.6.1 Utility Management and Coordination Oversight

Registrations

- Texas Board of Professional Engineers and Land Surveyors Registration #10020900 / F-1712

Additional Company Experience

As previously stated, BMB's experience includes, but is not limited to, the following services which may be required for future City of Johnson City projects:

- Site Grading Plans
- Drainage Analysis and Design
- Interpretation of Geotechnical Design
- Develop SWPPP
- General Civil Engineering and Construction Phase Services

CAPACITY TO PERFORM

- Hydraulic and Hydrologic Analysis for Project Sites as Required for Review, Approval, and/or Permitting by Local, State, and Federal agencies.

For many of our clients, we have served as a preferred consultant for over 22 years and our client retention and renewal of contracts year after year demonstrates the success we have providing effective, on-time quality work to clients.

As we continue to work with current and new clients, we maintain our commitment to their goals to provide the solutions they need to for successful completion of each and every project, regardless of the type service our team provides.

Team Resources

37 members strong, the BMB professional team includes:

- 7 Professional Engineers (PE) which includes one Certified Floodplain Manager (CFM)
- 2 Engineers-in-Training (EIT)
- 1 Graduate Engineer (GE)
- 7 Computer Aided Design (CAD) professionals,
- 2 Registered Professional Land Surveyors (RPLS)
- 7 CAD Technicians
- 1 Subdivision Coordinator
- 1 Engineering Intern
- 8 Survey Field Team Members
- 9 Administrative Support Team Members

Software

- Bentley Microstation SELECT 4 - Openroads Designer
- Bentley Geopak Civil Eng. Suite
- Bentley CulvertMaster
- Axiom Office Importer — V8/V10
- Dropbox
- Leica Geosystems Cyclone II TOPO Permanent
- Leica Geosystems Cyclone TruView PUBLISHER Permanent
- Leica Geosystems Cyclone REGISTER Permanent
- Leica Geosystems Cyclone SURVEY Permanent
- Leica Geosystems loudWorx AutoCAD Pro Permanent
- Leica Geosystems Infinity
- Architecture Engineering & Construction Collection Subscription (AutoCAD Software Package)
- Estimator
- ESRI ArcGIS
- ESRI Online Field Worker
- Webex Subscription

- Zoom Subscription
- Microsoft Office 2016
- Adobe Illustrator, Photoshop, InDesign, Dreamweaver
- HEC-RAS, HEC-HMS, THYSYS, and WINDSTORM
- Deltek Financial Management
- Primavera SureTrak and Microsoft Project
- Extensive anti-virus and firewall software

Equipment

- Sokkia Set 4 BII
- Sokkia 2110
- Leica TCR1201
- Leica TS09
- Leica TS09 Plus
- Leica TS15 Robot
- Digital Levels
- Leica NA2002
- Sokkia SDL30
- 2 Leica DNA03
- ZipLevel PRO2000
- Conventional levels
- 2 Sokkia B1
- Leica NA724
- GPS Units
- 3 Leica 1201
- 3 Leica GS14
- 2 Leica GS18T
- Data Collectors
- 4 Leica CS15
- 2 Leica CS20
- 4 Getac T800 Tablets
- 2 iPad Pros
- Scanners
- 2 Leica C10
- 1 Leica 360Blk

Vehicles

- 6 Suburban's
- 1 4x4 pickup truck

Office Equipment

- 44 Workstations
- 2 Laptops
- 3 Xerox Multifunction Printers
- 4 Xerox DN Laser Color Printers
- 1 HP Large Format Printers
- 1 HP Large Format Printers with Scanner

CAPACITY TO PERFORM

Key Strengths

To deliver quality projects on time and under budget, BMB utilizes the following keys to success. If selected BMB will pledge to:

- *Be Responsive*
Always respond in a timely manner to e-mail and phone calls; continuously track schedule and make adjustments to meet deadlines.
- *Be Reliable*
In business for 60+ years, still going strong; understand the needs of the client; take ownership of our work to ensure a successful outcome.
- *Be Flexible*
Schedules change, emergencies occur. BMB will always be available to The City anytime when this project require attention.
- *Provide Quality Engineering*
Explore alternatives for the best solutions; enhance safety and improve functionality; adhere to QC plan to ensure quality of work.
- *Provide Fast Turn-Around*
BMB is familiar with the usual quick-start/short deadline nature of certain projects; BMB's staff is cross-trained across various disciplines which allows for the shifting or doubling up of personnel to a task as needed to meet deadlines.
- *Offer Depth of Resources*
Our engineers, surveyors, and support staff have a wide range of knowledge and experience in multiple disciplines; from planning and design through bidding and construction, we have the capability to fulfill the requirements of this contract.
- *Make Cost Efficient Recommendations*
BMB considers material selection, construction methods, time of construction, and new products for opportunities to reduce cost without affecting safety and function.

While we recognize that over 60 years of professional engineering firm is significant, we also understand that it's not just about time, it's about experience gained during those 60 plus years which makes BMB a valuable resource and team member for the City of Kirby.

CAPACITY TO PERFORM



Name: **CARL BAIN, PE**
Title: **Project Manager & QA/QC**

EDUCATION

- BS, Civil Engineering, University of Texas at Austin, 1980
- Professional Engineer, Texas #56996, 1985
- Years with BMB: 39
- Years of Experience: 40

PROFESSIONAL QUALIFICATIONS

Carl Bain joined Bain Medina Bain in 1981 and serves as Principal Engineer/Vice President/Project Manager. He has more than 40 years of diverse project management and construction administration experience on civil design projects with extensive knowledge in identifying client expectations for a project, setting achievable goals, assigning resources, overseeing logistics, and closely monitoring the progress of the project. Rather than react to unforeseen challenges, he anticipates and proactively manages the projects.

Carl has extensive experience on SAWS projects which include planning, design and construction management of replacement and/ or reconstruction of water, wastewater and recycled water facilities. He has been the PM on many work order water rehabilitation contracts for SAWS. He has managed the following: project definition, scope preparation; fee preparation; schedules; surveying; SUE; geotechnical; environmental portions; reports; design; specifications; submittals; bidding phase (contract documents, addendum, and bid evaluations); construction administration (submittal reviews, response to RFIs and change orders (RS Means); review of pay estimates, construction observation, monthly meetings, final inspections, and plan of records). He has coordinated and participated in meetings for review, and with other agencies, including COSA, TxDOT, Bexar County and TCEQ. He has also coordinated permits and approvals.

PROJECT EXPERIENCE

SAWS 2018 SSORP BPC Central Package 2 (Project Manager) BMB designed and managed a sewershed package, which required coordinate with SAWS and COSA. BMB designed CIPP, pipe bursting, and open cut for approximately 3,185 LF of 8" - 15" deteriorated sanitary sewer pipes. Carl served as POC to SAWS, provided design recommendations that would provide the best long-term solutions, within budget and schedule.

SAWS Central Sewershed Package 3 (Project Manager) Designed CIPP and pipe bursting rehabilitation of approximately 31,084 LF of 8" to 20" deteriorated sanitary sewer pipes around north central San Antonio. There were 101 segments. Proposed to split the sewershed package into 4 different work sites to facilitate project coordination. Carl served as POC to SAWS, provided design recommendations that would provide the best long-term solutions, within budget and schedule.

SAWS Central Sewershed Package 4, Pipe Burst, Open Cut, and CIPP (Project Manager) Designed CIPP, open cut, and pipe bursting rehabilitation of approximately 30,566 LF of 8" to 15" deteriorated sanitary sewer pipes around south central San Antonio. There were 101 segments. Proposed to split the sewershed package into 5 different work sites to facilitate project coordination. Carl served as POC to SAWS, provided design recommendations that would provide the best long-term solutions, within budget and schedule.

Additional SAWS experience includes the following:

- 2017 SAWS Pipeline Engineering Services Work Order Contract (Project Manager)
- 2016 Pipeline Engineering Work Order Services Package #1 (Project Manager)
- 2015 SAWS Engineering Services Work Order Contract (Project Manager)
- 2014 SAWS Engineering Services Work Order Contract (Project Manager)
- 2013 SAWS Engineering Design Services, Replacements and Improvements (PIC)
- 2013 SAWS Engineering Design Services PRT (PIC/ Project Manager)
- 2013 SAWS Unspecified Engineering Design Services IDIQ Contract, Governmental (PIC)
- TxDOT 2015 Subsurface Utility Engineering Contract (Project Manager)

CAPACITY TO PERFORM



Name: **CASSIO CONCEICAO, PE**
Title: Project Engineer

EDUCATION

- MCE, Civil Engineering, University of Texas at San Antonio, 2013
- BS, Mechanical Engineering, San Paulo, Brazil, 2000
- Professional Engineer, Texas #108534, 2011
- Years with BMB: 8
- Years of Experience: 16

PROFESSIONAL QUALIFICATIONS

Cassio has over 16 years of experience. He has performed utilities relocation and coordination, planning, design and construction management of replacement and/ or reconstruction of water, wastewater and recycled water facilities. Cassio has extensive background in street and storm water related projects, design of sanitary sewers, storm sewers, water mains and earthen and concrete drainage channels. He has over three years experience in utility engineering and coordination. He has served as Utility Task Lead on multiple projects providing utility engineering & utility coordination.

PROJECT EXPERIENCE

SAWS C-69 S. Zarzamora Street Sewer Upsize & Relief - Project included replacement with re-route and up-size of an existing 18" sewer main, located between Zarzamora Street and Six-Mile Creek and the abandonment of the 27" sanitary sewer main located along Baetz Boulevard from the dead-end to Burton Avenue. The project consisted of the installation of approximately 4,000 LF of sewer main ranging from 8" to 36" in diameter. The project also bore under the Union Pacific Railroad, reconnection of existing sewer laterals to an offset sanitary sewer main, the acquisition of multiple sanitary sewer easements and joint use agreements and the coordination with multiple subconsultants that provided support to this project. The scope included preparing plans, specifications, bidding documents, and construction services.

SAWS 2018 SSORP BPC Central Package 2 - BMB designed and managed the sewershed package, which required coordination with CoSA for pavement restoration requirements and scheduling. BMB also coordinated with multiple subconsultants that provided

design support to complete the project. This package included the rehabilitation of approximately 3,185 LF of 8" - 15" deteriorated sanitary sewer segments. The rehabilitation methods used for this project included rehabilitation by CIPP, pipe bursting or replacement by open cut. Cassio and Carl served as POC to SAWS, providing design recommendations that would fit the best solutions for the segments to be improved, within budget and schedule.

SAWS 2020 CMOM Package 2 - BMB designed and managed the sewershed package. The project consisted of the analysis and determination of rehabilitation methods for approximately 4,250 LF of sanitary sewer segments ranging from 8" to 20" in diameter, all segments cross major TxDOT's highways. BMB coordinated with SAWS to split the sewershed into two packages, the first one with all segments to be rehabilitated by CIPP and other package with segments to be upsized and/or re-routed to improve and comply with SAWS requirements.

Additional SAWS experience includes the following:

- 2017 SAWS Pipeline Engineering Services Work Order Contract (Project Manager)
- 2016 Pipeline Engineering Work Order Services Package #1 (Project Manager)
- 2015 SAWS Engineering Services Work Order Contract (Project Manager)
- 2014 SAWS Engineering Services Work Order Contract (Project Manager)
- 2013 SAWS Engineering Design Services, Replacements and Improvements (PIC)
- 2013 SAWS Engineering Design Services PRT (PIC/ Project Manager)
- 2013 SAWS Unspecified Engineering Design Services IDIQ Contract, Governmental (PIC)
- TxDOT 2015 Subsurface Utility Engineering Contract (Project Manager)

CAPACITY TO PERFORM



Name: **GREGORIO "GREG" LOPEZ, RPLS**
Title: **Survey Manager**

EDUCATION

- Associates, Applied Science, Bee County College, 1982
- Registered Professional Land Surveyor, Texas #5272, 1998
- Years of Experience: 39 years
- Years with BMB: 4 years

PROFILE

Greg rejoined Bain Medina Bain in 2020 as Project Manager. He was previously employed with BMB for three years. With over 30 years of surveying experience, Greg is highly qualified to perform on-site job observations; conduct research for plats, deeds, tax information, utilities, etc.; determine the most appropriate and cost effective method or procedure for collecting survey data; direct, supervise and monitor distribution of work duties; review computations, finished drawings, and legal descriptions for accuracy and completeness. He is adept at proposal preparation; direction, coordination and monitoring of field and office activities; assuring that product delivery complies with contract schedule and specifications; and reviewing financial reports to determine if project was completed within budget.

PROJECT EXPERIENCE

SAWS Cresthaven Heights Water Main Replacement (Survey Lead): Design included installation and replacement of approximately 10,300 LF of 8" water mains installed by open cut or pipe bursting.

SAWS Summer Sun Water Main Replacement (Survey Lead): Design includes the replacement of approximately 7,650 LF of 8" water main installed by open cut.

SH 130 Toll Road Project (Survey Lead): Prepared ROW strip map along a portion of 90 mile stretch of new highway and prepared approximately 300 exhibits for ROW/easement acquisition. Texas Turnpike Authority. \$3.25B.

SAWS Regional Carrizo Pipeline Project (Survey Lead): Prepared route topography survey map along 12 miles of proposed water line alignment and prepared approximately 200 exhibits for easement acquisition. Freese and Nichols. \$149M

SAWS Cibolo Creek Sewershed Flow Diversion Project (Survey Lead): Prepared route topographic survey map along 4 miles of proposed sanitary sewer line alignment and prepared approximately 50 exhibits for easement acquisition. Kimley-Horn.

Seaholm Power Plant Redevelopment Project (Survey Lead): Performed boundary and topographic surveys within or near the old Seaholm Power Plant for multiple tracts which was designated as a Texas Historic Landmark. Also created utility easements, prepared various ROW vacations and street dedications near the project site. Determined height limits for new buildings based on City of Austin's Capitol View Corridor.

ARWA Segment D Project (Survey Lead): This 20 mile long, 400 foot wide project corridor spans across Caldwell and Guadalupe counties. BMB is performing tree survey and taking 1,000-foot interval cross-sections along entire route to verify aerial mapping. Field crews setting target panels to prepare the aerial mapping of the corridor. Preparing topographic map of entire project. Greg has been coordinating field crews and managing survey technicians processing field information.

ADDITIONAL REQUIRED DOCUMENTS

Eligibility Status Verification from the System for Award Management (SAM)



BAIN MEDINA BAIN, INC.

ALERT! This entity is only available FOR OFFICIAL USE ONLY.

DUNS Unique Entity ID 055113676	SAM Unique Entity ID EPTBVFHDBMP6	CAGE / NCAGE 07DYD
Purpose of Registration All Awards	Registration Status Active	Expiration Date Jan 9, 2022
Physical Address 7073 San Pedro AVE San Antonio, Texas 78216-6209 United States	Mailing Address 7073 San Pedro San Antonio, Texas 78216-6209 United States	

Business Information

Doing Business as (blank)	Division Name (blank)	Division Number (blank)
Congressional District Texas 20	State / Country of Incorporation Texas / United States	URL http://www.bmbt.com
MPIN ****AB47		

Registration Dates

Activation Date Jul 13, 2020	Submission Date Jul 13, 2020	Initial Registration Date Jun 5, 2001
--	--	---

Entity Dates

Entity Start Date Mar 1, 1969	Fiscal Year End Close Date Dec 31
---	---

Immediate Owner


CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

ADDITIONAL REQUIRED DOCUMENTS

Conflict of Interest Questionnaire (CIQ)

<p>This questionnaire reflects changes made to the law by H.B. 21, 84th Leg., Regular Session.</p> <p>This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).</p> <p>By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.</p> <p>A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	<p>OFFICE USE ONLY</p> <p>Date received:</p>
<p>1 Name of vendor who has a business relationship with local governmental entity.</p> <p style="text-align: center;">Bain Medina Bain, Inc.</p>	
<p>2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)</p>	
<p>3 Name of local government officer about whom the information is being disclosed.</p> <p style="text-align: center;">N/A</p> <p style="text-align: center;">Name of Officer</p>	
<p>4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.</p> <p>A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?</p> <p style="text-align: center;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?</p> <p style="text-align: center;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.</p>	
<p>6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).</p>	
<p>7</p> <p style="text-align: center;"> Signature of vendor doing business with the governmental entity</p> <p style="text-align: right;">11/29/2021 Date</p>	

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015

ADDITIONAL REQUIRED DOCUMENTS

Sample Certificate of Liability Insurance (COI)

Client#: 54207 BAINMEDI

ACORD **CERTIFICATE OF LIABILITY INSURANCE** DATE (MM/DD/YYYY) 10/12/2021

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

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

PRODUCER Grayling Ins. Brokerage/EPIC 3780 Mansell Rd. Suite 370 Alpharetta, GA 30022	CONTACT AGENT Trudy Henry Phone: 770-552-4225 FAX: 866-560-4082 E-MAIL: acoccertificates@grayling.com Address:														
INSURED Bain Medina Bain, Inc. 7073 San Pedro San Antonio, TX 78216	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Hartford Accident & Indemnity Company</td> <td>22367</td> </tr> <tr> <td>INSURER B: Sentinel Insurance Company</td> <td>11000</td> </tr> <tr> <td>INSURER C: US Specialty Insurance Co</td> <td>29589</td> </tr> <tr> <td>INSURER D: Hartford Underwriters</td> <td>30104</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Hartford Accident & Indemnity Company	22367	INSURER B: Sentinel Insurance Company	11000	INSURER C: US Specialty Insurance Co	29589	INSURER D: Hartford Underwriters	30104	INSURER E:		INSURER F:	
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INSURER E:															
INSURER F:															

COVERAGES CERTIFICATE NUMBER: 21-22 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.

FORM	TYPE OF INSURANCE	ADDITIONAL	POLICY NUMBER	POLICY EFF	POLICY EXP	LIMITS
NO.		COVER		(MM/DD/YYYY)	(MM/DD/YYYY)	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER		20SBWBR7392	11/01/2021	11/01/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADY INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPOF AGG \$2,000,000
D	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> HOSED AUTOS ONLY <input checked="" type="checkbox"/>		20UEGRF2600	11/01/2021	11/01/2022	COMBINED SINGLE LIABILITY (Per occurrence) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per occurrence) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE Ded. <input checked="" type="checkbox"/> RETENTION \$10,000		20SBWBR7392	11/01/2021	11/01/2022	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OF PROPRIETARY EXCLUDED? (Mandatory in MI) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N N/A	20WBGKD3790	11/01/2021	11/01/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	Professional Liability		USS2131867	05/31/2021	05/31/2022	Per Claim \$3,000,000 Aggregate \$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 991. Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER Proposal Use Only	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE D.H. Co...
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ACORD 25 (2015/03) 1 of 1 The ACORD name and logo are registered marks of ACORD #S2932767/A2881679 ANQ1

SUPPORTING DOCUMENTS



SUPPORTING DOCUMENTS

South Central Texas Regional Certification Agency of
Bexar County, Texas hereby duly affirms that:

Bain Medina Bain, Inc.

has successfully met the established requirements of SCTRCA's Business Enterprise Certification Program to be
certified as a

***HABE MBE SBE**

Certified NAICS Codes

NAICS 541330: CIVIL ENGINEERING SERVICES
NAICS 541320: ENGINEERING SERVICES
NAICS 541340: DRAFTING SERVICES
NAICS 541370: SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES
NAICS 541611: ADMINISTRATIVE MANAGEMENT AND GENERAL MANAGEMENT CONSULTING SERVICES



Certification Number: 22100000
Effective Date: August 24, 2021
Expiration Date: August 31, 2023

Charles Johnson
Executive Director

Note: This certificate is the property of the South Central Texas Regional Certification Agency and may be revoked should the above named firm graduate from or fails to comply with SCTRCA's Business Enterprise Program. A Certification Renewal Application is required every two years.

Texas Historically Underutilized Business (HUB) Certificate



Certificate/VID Number: 1741325407300
File/Vendor Number: 001914
Approval Date: 18-JUN-2018
Scheduled Expiration Date: 18-JUN-2022

The Texas Comptroller of Public Accounts (CPA), hereby certifies that

BAIN MEDINA BAIN, INC.

has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. This certificate printed 22-JUN-2018, supersedes any registration and certificate previously issued by the HUB Program. If there are any changes regarding the information (i.e., business structure, ownership, day-to-day management, operational control, business location) provided in the submission of the business' application for registration/certification as a HUB, you must immediately (within 30 days of such changes) notify the HUB Program in writing. The CPA reserves the right to conduct a compliance review at any time to confirm HUB eligibility. HUB certification may be suspended or revoked upon findings of ineligibility.

Laura Cagle-Hinojosa, Statewide HUB Program Manager
Statewide Support Services Division

Note: In order for State agencies and institutions of higher education (universities) to be credited for utilizing this business as a HUB, they must award payment under the Certificate/VID Number identified above. Agencies, universities and prime contractors are encouraged to verify the company's HUB certification prior to issuing a notice of award by accessing the internet (<https://mycpa.cpa.state.tx.us/passcombsmsearch/index.jsp>) or by contacting the HUB Program at 512-483-5672 or toll-free in Texas at 1-888-963-5981.

Rev 05/20



REQUEST FOR QUALIFICATIONS FOR:

**Engineering Services for
Water / Wastewater
System Project**

Prepared by:

S.D. Kallman, L.P. ~ ~ Engineers and

Environmental Consultants

1106 South Mays Street, Suite 101

Round Rock, Texas 78664

Attention: Rick Schroder, Chief Administrative Officer

City of Johnson City

303 East Pecan Street

Post Office Box-369

Johnson City, Texas 78636

Deadline: Monday, November 29, 2021



S. D. KALLMAN, L.P.
Engineers and Environmental Consultants
TBPE Firm Registration No. F-516

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S. D. KALLMAN, L.P.
Engineers and Environmental Consultants
TBPE Firm Registration No. F-516

November 29, 2021

Mr. Rick Schroder, Chief Administrative Officer
City of Johnson City
303 East Pecan Street
Post Office Box 369
Johnson City, Texas 78636

RE: RFQ FOR ENGINEERING SERVICES FOR PROPOSED CONTRACT
CORONAVIRUS FUNDING FOR WATER / WASTEWATER SYSTEM PROJECT

Dear Mr. Schroder:

S.D. Kallman, L.P. -- Engineers and Environmental Consultants is pleased to submit our firm's qualifications to conduct the work for the City of Johnson City Water/Wastewater System Project.

S.D. Kallman, L.P. has been providing engineering services for Central Texas cities for over forty eight (48) years. Steve Kallman is experienced in the design and coordination of all types of water and wastewater projects and has completed all projects successfully and within budget and schedule.

S.D. Kallman, L.P. has completed four (4) projects successfully and in budget for the City of Johnson City.

All of the engineering work on the City of Johnson City's project will be accomplished at the Round Rock office of S.D. Kallman, L.P.

Should you have any questions or need additional information, please contact our office.

Cordially,

S. D. KALLMAN, L.P.

ENGINEERS AND ENVIRONMENTAL CONSULTANTS

Steven D. Kallman, P.E., R.P.L.S.
President

Enclosure



Section 2 - HISTORY OF FIRM

Steven D. Kallman, a Registered Professional Engineer, and Owner of **S.D. KALLMAN, L.P. ~ ENGINEERS AND ENVIRONMENTAL CONSULTANTS** has been providing engineering services for small Central Texas cities, for over forty eight (48) years. He is experienced in the design and coordination of water and wastewater improvements with these communities and has worked on the following TDA ORCA (formerly TDHCA and TPWD) funded projects in recent history:

1. **City of Carmine** \$250,000 ORCA Grant - constructed in 1995. 200 gallon per minute water well & 100,000 gallon standpipe.
2. **City of Carmine** \$250,000 ORCA Grant - constructed in 2004. 200 gallon per minute water well rehabilitation, 100,000 gallon standpipe and booster pump station.
3. **City of Rogers** \$250,000 ORCA Grant - constructed in 1996-97. Two wastewater lift stations and 12" and 15" gravity wastewater lines.
4. **City of Carmine** \$250,000 ORCA Grant - constructed in 1997. Wastewater lift stations and water and wastewater line improvements.
5. **City of Marble Falls** \$360,000 Home Demonstration Fund Grant - constructed in 1998. 8" and 6" wastewater line improvements; street and drainage improvements.
6. **City of Marble Falls** \$250,000 ORCA Grant - constructed in 1998-99. 8" and 6" water line improvements.
7. **City of Granite Shoals** \$250,000 ORCA Grant - constructed in 1999. 6" water lines for 1st time services and reconnections to homes on inferior size water lines.
8. **City of Granite Shoals** \$90,000 ORCA Urgent Need Grant - constructed in 1999. 43,000 gallon, 48 foot high standpipe clearwell water storage tank at water treatment plant.
9. **City of Rogers** \$250,000 ORCA Grant - constructed in 1999. 50,000 gallon, 130 foot high elevated water storage tank.
10. **City of Marble Falls** \$250,000 Disaster Relief ORCA Grant - constructed in 2001. Box culvert bridge structure and roadway approaches on Avenue "S".
11. **Llano County on behalf of Kingsland WSC** \$350,000 ORCA Step Grant - constructed in 2002. 6" and 8" water line improvements
12. **Llano County on behalf of Kingsland WSC** \$250,000 ORCA Grant - constructed in 2002. 6" and 8" water line improvements

13. **City of Rogers** \$250,000 ORCA Grant - constructed In 2003. 4", 6" and 8" water line improvements.
14. **City of Cottonwood Shores** \$250,000 ORCA Grant - constructed 2004. 6" and 8" water line improvements.
15. **City of Rogers** \$250,000 ORCA Grant - constructed in 2005. 6" water line improvements.
16. **City of Carmine** \$250,000 ORCA Grant - constructed in 2005. 6" and 8" water line improvements.
17. **City of Cottonwood Shores** \$250,000 ORCA Grant - constructed In 2006. 6" water line improvements.
18. **City of Marble Falls** \$250,000 ORCA Grant - constructed in 2006. 6" and 8" water line and 8" wastewater line improvements.
19. **City of Marble Falls** \$250,000 ORCA Grant - constructed in 2007. 8" and 10" wastewater line improvements.
20. **City of Granite Shoals** \$250,000 ORCA Grant - constructed in 2007. 4" and 8" water line improvements.
21. **City of Johnson City** \$250,000 ORCA Grant - constructed in 2007. 6" and 10" water line improvements.
22. **City of Rogers** \$250,000 ORCA Grant - project completed in 2008 for grinder pump stations and wastewater force main improvements.
23. **City of Johnson City** \$350,000 ORCA Grant - constructed in 2008. Wastewater Collection System Improvements.
24. **City of Johnson City** \$250,000 ORCA Grant - constructed in 2009. 6", 8" and 10" wastewater line improvements.
25. **City of Carmine** \$250,000 ORCA Grant - constructed in 2009. Gravity and pressure wastewater line improvements and eleven first time services.
26. **City of Cottonwood Shores** \$250,000 ORCA Grant - constructed in 2010. Wastewater lift station improvements.
27. **City of Granite Shoals** \$250,000 ORCA Grant - Phase I - constructed in 2009-2010. 4" and 10" water line improvements and first time services. Approximately \$100,000 of the \$200,000 budget was saved by Phase I. Phase II - bids were taken on July 12, 2010 and the Project is within available funds.

28. **City of Cottonwood Shores** \$170,663. ORCA STEP Grant - constructed in 2010. Raw water intake improvements.

29. **City of Rogers** \$209,250. ORCA Grant - constructed in 2011. Wastewater system improvements.

30. **City of Cottonwood Shores** \$196,250. ORCA Grant - constructed in 2012. 50,000 gallon clearwell, yard piping for clearwell and 12" raw water line improvements.

31. **City of Granite Shoals** \$272,500. ORCA Grant - project constructed in 2010 for 200,000 gallon clearwell, yard piping, chlorine analyzer, SCADA and tank air mixing system.

32. **City of Cottonwood Shores** - \$35,000. STEP Grant - under construction in 2013, raw water line, water treatment plant building, raw water pump.

33. **City of Cottonwood Shores** - Texas Parks and Wildlife Department Grant - ready for bidding phase, boat ramp, upgrade in Lake Marble Falls, park improvements, 2013.

34. **City of Johnson City** \$270,000 CDBG Grant - constructed in 2015. Sewer Improvements for N. US Highway 281 Improvements.

35. **City of Granite Shoals** \$284,625. ORCA Grant - project constructed in November of 2015 for 100,000 gallon Ground Storage Tank.

Mr. Kallman has also been responsible for projects funded by the Texas Water Development Board (TWDB), TxDOT (ISTEA Grants), Texas Capital Fund, Environmental Protection Agency (EPA), RUS - Rural Development (formerly Farmers Home Administration), Bureau of Outdoor Recreation (BOR), and Economic Development Administration (EDA). A few examples of his past federal and state loan or grant funded projects are shown in Section VI of this report.

S.D. KALLMAN, L.P. would be honored to have an opportunity to work with the City of Johnson City on this important Water and Wastewater System Project.

SECTION 3 – STATEMENT OF QUALIFICATIONS

INTRODUCTION AND HISTORY OF FIRM:

S.D. KALLMAN, L.P. proposes to offer professional engineering and surveying services to the City Johnson City in support of this important project.

Steven D. Kallman, a Registered Professional Engineer, and Owner of *S.D. KALLMAN, L.P. -- ENGINEERS AND ENVIRONMENTAL CONSULTANTS (S.D. KALLMAN, L.P.)* has been providing engineering services for small Central Texas cities for over forty eight (48) years. Some of the cities and water supply entities in S.D. Kallman's portfolio are: the City of Cottonwood Shores, City of Granite Shoals, the City of Marble Falls, the City of Round Rock the City of Johnson City, Southwest Water Company, Inc., Athens Municipal Water Authority, Kingsland Water Supply Corporation and Lone Star Regional Water Authority. He is experienced in the design and coordination of large-scale water and wastewater projects for these communities and has completed many major projects successfully and within budget as shown in Section 04, herein.

S.D. KALLMAN, L.P. is honored to have been selected to submit a proposal for engineering services on this project.

PRINCIPAL OF FIRM AND PROJECT MANAGEMENT:

The following *S.D. KALLMAN, L.P.* professional personnel will be involved in the design and construction administration of the proposed Project.

S. D. Kallman, L.P. -- Engineers and Environmental Consultants:
Steven D. Kallman, P.E., R.P.L.S., President

Mr. Steven D. Kallman, P.E., R.P.L.S., will serve as Principal and Project Manager in charge of the project and will be available to meet with the City's representatives at their convenience. Mr. Kallman will make major decisions regarding the firm's involvement in the project; be responsible for the design of the project; meet regularly with his staff to assure conformity with the firm's engineering standards; provide overall financial and administrative control of the project; provide periodic field inspection during construction, as required; and assure continuing corporate support of the project by the personnel of *S.D. KALLMAN, L.P.*

A resume of Mr. Kallman's experience and qualifications is included in Section 04, herein.

TECHNICAL ASSISTANCE:

Mr. Kallman will be responsible for the design, bidding and construction administration for this project.

Mr. Tim Weaver, AutoCAD Technician will prepare the plan sheets via Computer Aided Drafting (CAD) of the Engineering Plans for this project. Mr. Weaver will also be assisting with the periodic construction inspection of this proposed project.

Ms. Cheryl Anderson, Office Manager, will assist Mr. Kallman in the development of the Contract Documents and Specifications, the advertisement and bidding phase of the project, and provide an extra level of professional services to the City in coordinating communication between S.D. Kallman, L.P., TCEQ (when required) and the City's Staff.

Resumes for the above *S.D. KALLMAN, L.P.* employees are included in Section 04, herein.

S.D. KALLMAN, L.P. is proud of its Equal Employment Opportunity (E.E.O.) Program.

All of the engineering work on the City of Johnson City's project will be accomplished at the Round Rock office of *S.D. KALLMAN, L.P.* The physical address is listed below:

1106 S. Mays, Suite 101
Round Rock, Texas 78664
Phone: (512) 218-4404
Fax: (512) 218-1668
Email: steve@sdkallman.com
www.sdkallman.com



MAJOR WATER TRANSMISSION & DISTRIBUTION FACILITIES

Our firm has completed the design on both large and small water transmission facilities. A sampling of projects is shown as follows:

Lone Star Regional Water Authority

Sonny Kretzschmar Jr. Regional Water Line project (formerly known as the East Williamson County Regional Water Transmission System)

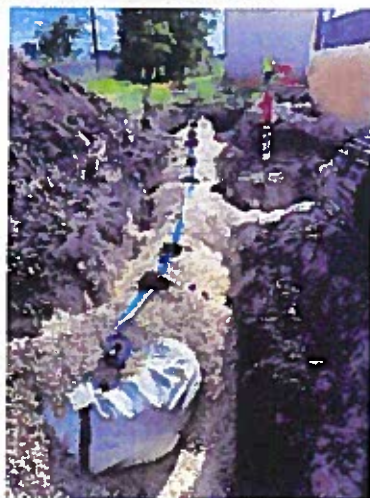
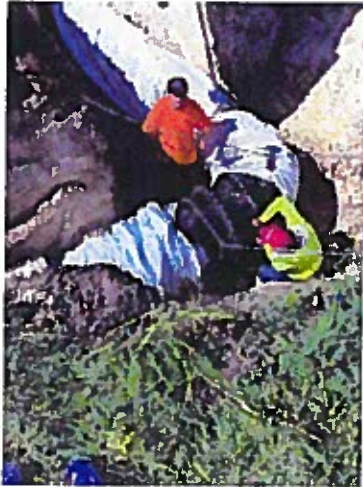
This \$30 million project involved twenty (20) miles of 24" water line to transfer water from Brazos River Authority's existing 27" water line in Circleville that conveys potable water from the Lake Granger Water Treatment Plant. This 24" transmission line was constructed to deliver 10.5 million gallons per day of water to the Jarrell area at IH35 to serve fast growing demand centers. During the bidding process, bids came in under budget for this Project. This project was divided into 11 Contracts and was completed in 2019.

- Contract No. 1 – Water Line "A"
- Contract No. 2 – San Gabriel River Bore
- Contract No. 3 – Water Line "B"
- Contract No. 4 – Pump Station No. 1
- Contract No. 5 – Pump Station No. 2
- Contract No. 6A – Ground Storage Tank No. 1
- Contract No. 6B – Ground Storage Tank No. 2
- Contract No. 7 – Elevated Tank No. 1
- Contract No. 8C – Water Line "C"
- Contract No. 8D – Water Line "D"
- Contract No. 8E – Water Line "E"

This project was funded by a Texas Water Development Board (TWDB) Swift Fund Loan. S.D. Kallman and Lone Star management were successful in getting TWDB to agree to an 80% board participation loan.

Reference: Mr. Tom Ray, General Manager, Phone: (254) 855-0880
Email: tom@lonestarrwa.com

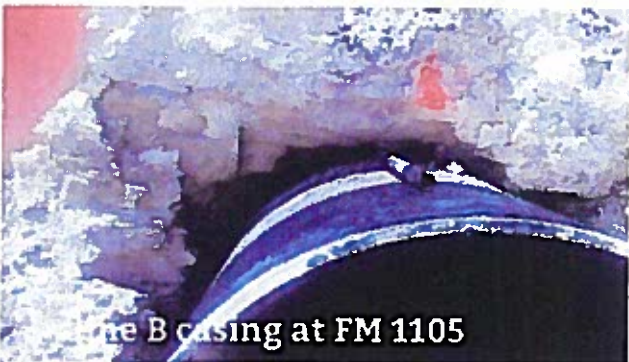
**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 1 – 24" WATER LINE "A"**



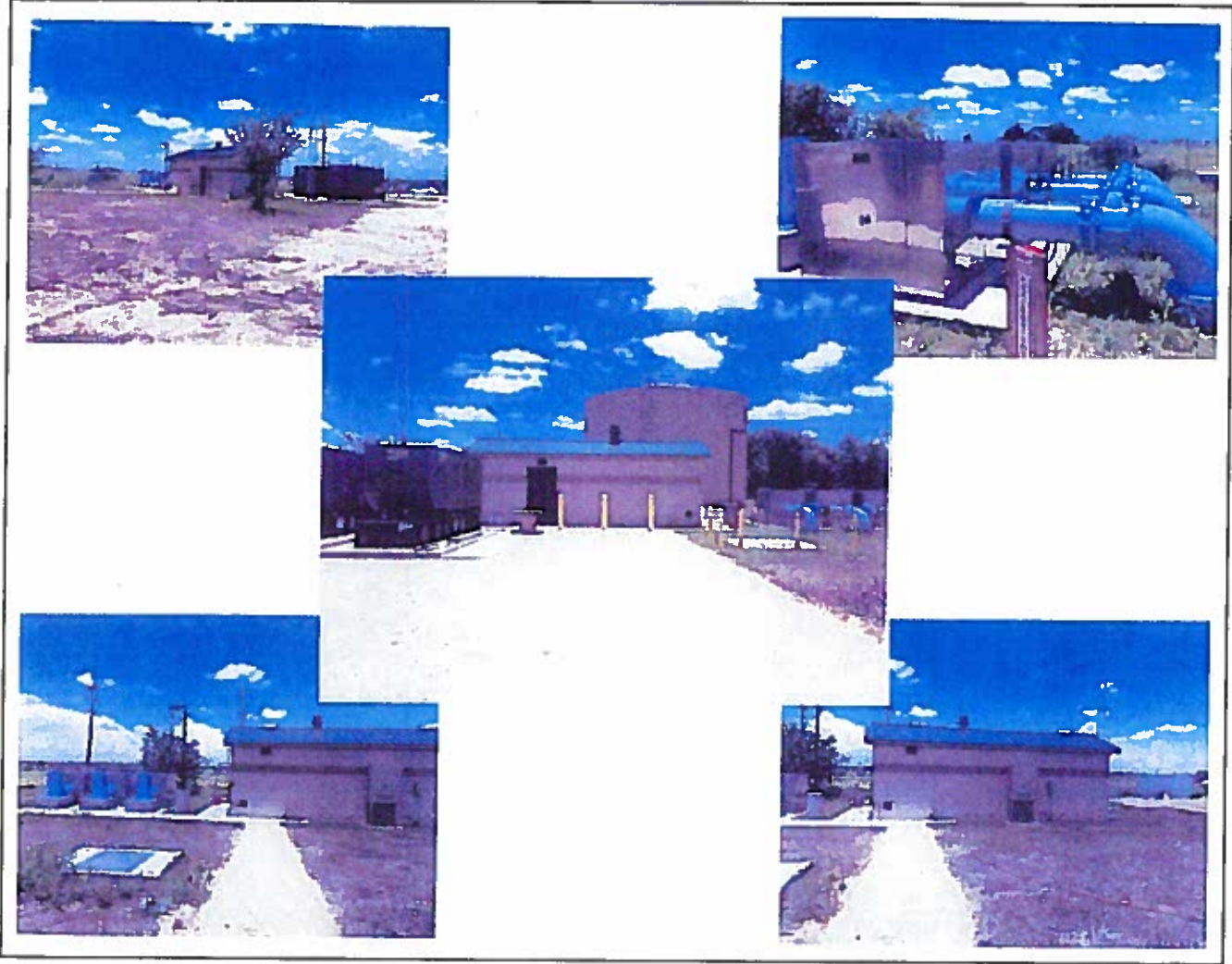
**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 2 – 30" HDPE SAN GABRIEL RIVER BORE**



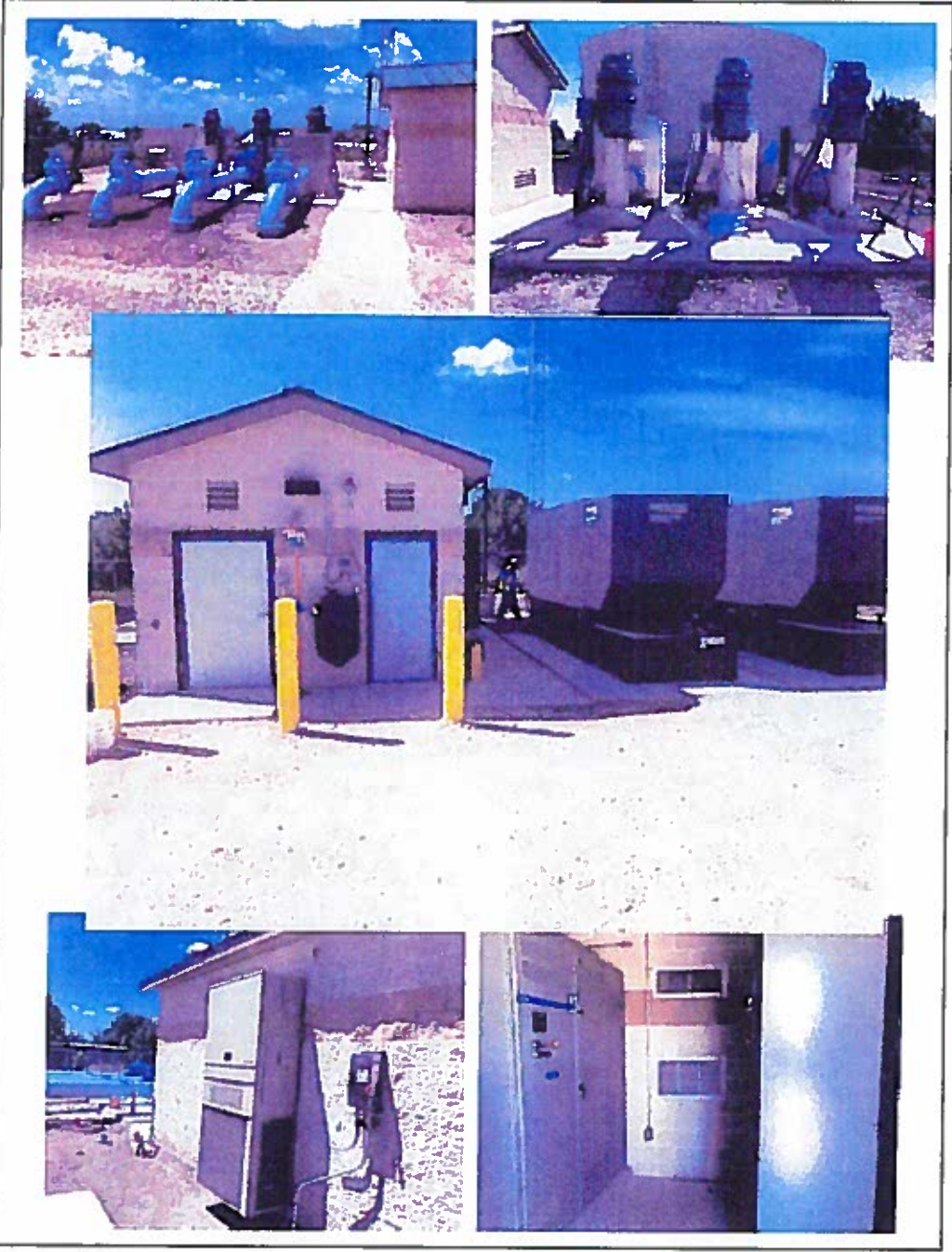
LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 3 – 24" WATER LINE "B"



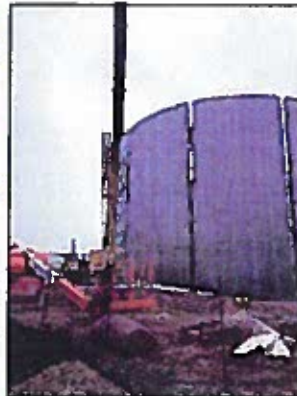
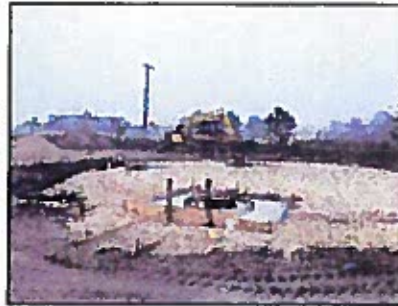
**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 4 – 10.5 MGD PUMP STATION NO. 1**



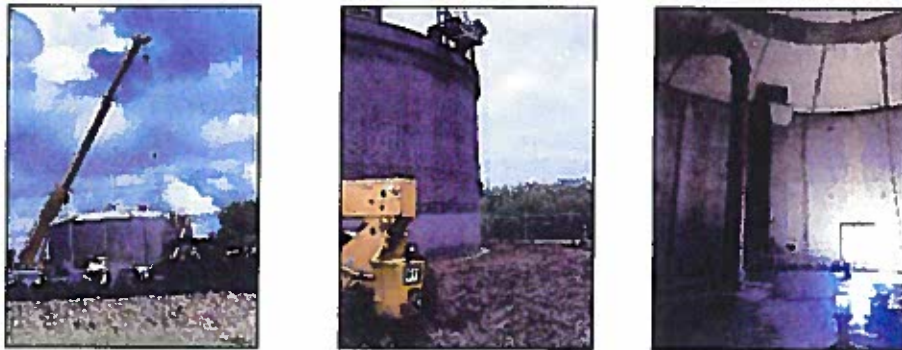
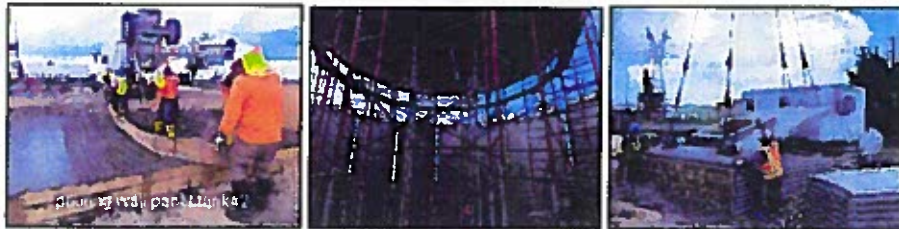
**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 5 – 10.5 MGD PUMP STATION NO. 2**



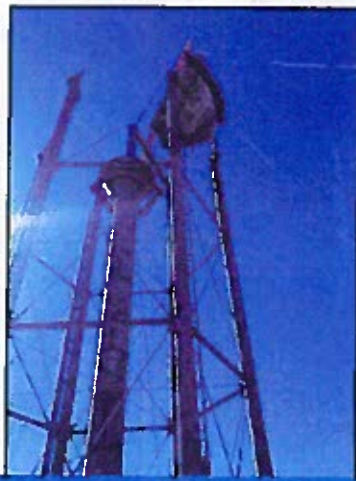
**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 6A – 500,000 GALLON
GROUND STORAGE TANK NO. 1**



**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 6B – 500,000 GALLON
GROUND STORAGE TANK NO. 2**



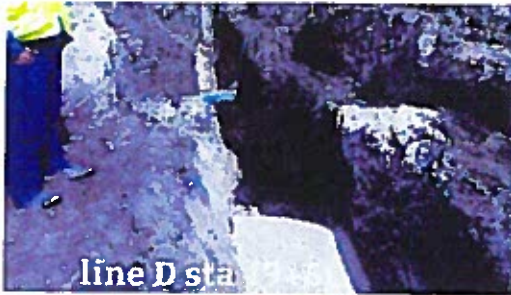
**LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 7 – 500,000 GALLON ELEVATED TANK NO. 1**



LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 8 – 12" WATER LINE "C"



LSRWA
SONNY KRETZSCHMAR, JR. REGIONAL WATER LINE PROJECT
CONTRACT NO. 8 – 12" WATER LINE "D" AND
12" WATER LINE "E"



line D sta



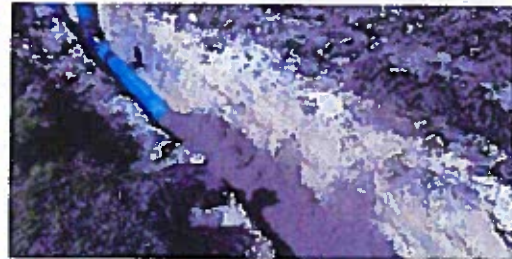
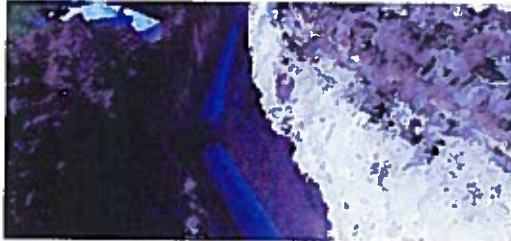
line D sta 23+50



line D creek crossing sta 43+50



line D sta 43+50



Central Texas Water Supply Corporation

Dock L. Curb Water Treatment Plant and Related Facilities

This \$26 million project involved the design of ten (10) miles of 30" and 24" water transmission mains in Bell County. Determined the capacities and timing for construction of the initial phase of a new 6 MGD water treatment plant (Dock L. Curb) and related water storage, pumping and transmission line infrastructure to upgrade water service to CTWSC's existing customers, as well as possible new wholesale customers that have expressed an interest in contracting for potable water from CTWSC. Recommendations were made concerning alternative pipeline sizes and locations. Probable estimates of the cost for the recommended initial and second phases of water system improvements and financing alternatives were provided. Improvements to include the installation of pumps and electrical control building at the new BRA raw water intake facility at Lake Stillhouse Hollow and the 30" raw water line from Corp of Engineers= property to CTWSC's new 78 acre plant site lying south of the lake on the north side of West Amity Road in Bell County. Developed hydraulic model of existing distribution system; modeled proposed distribution system to serve future populations of 100,000 persons utilizing the "KYPipe Professional" software.

This project was divided into 6 Contracts:

Contract No. 1 - 3 MGD Dock L. Curb Water Treatment Plant

Contract No. 2 - Raw Water Intake Improvements

Contract No. 3 - Clearwell Tank

Contract No. 4 - High Service Pump Station

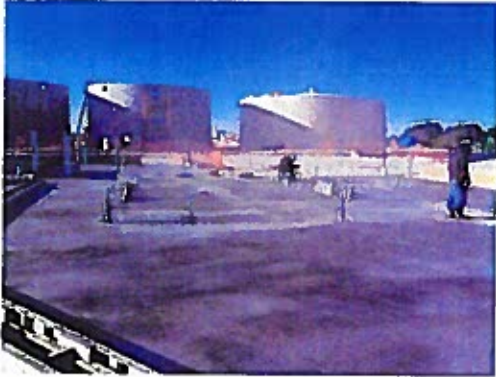
Contract No. 5 - Ten Miles of 30" and 24" D.I. Water Line from WTP to Armstrong Road

Contract No. 6 - 600,000 Gallon Composite Elevated Water Storage Tank

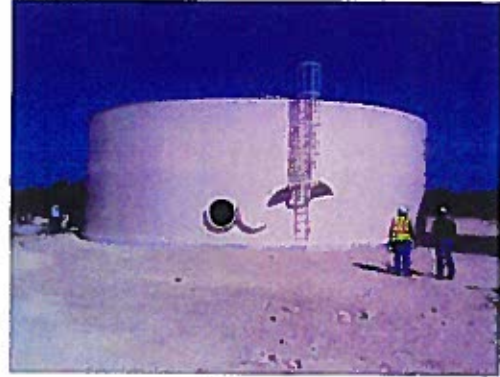
Reference: Mr. Lee Kelley, General Manager, Phone: (254) 681-6819

Email: ctwsgm@embarqmail.com

**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 1 – 3 MGD DOCK L. CURB WATER TREATMENT
PLANT ON WEST AMITY ROAD**



**Foundation for Treatment Plant Building,
300,000 Gallon Equalization Tank, Two –
Concrete Clarifiers**



**300,000 Welded Steel
Equalization Tank**



30" Ductile Iron Raw Water Line



**Wetwell and Piping for Supernatant
Return Pump Station**



**Treatment Plant Metal Building,
Emergency Generator**

**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 1 – 3 MGD DOCK L. CURB WATER TREATMENT
PLANT ON WEST AMITY ROAD
(CONT'D)**



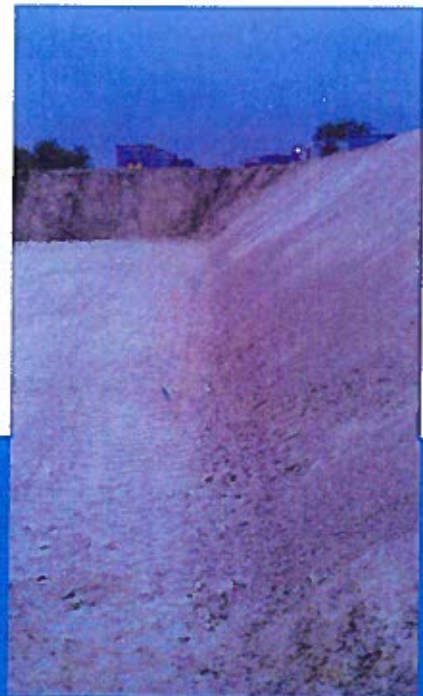
Backwash Holding Pond



**Supernatant Return Pump
Station**



Backwash Holding Pond



Backwash Holding Pond



Backwash Holding Pond

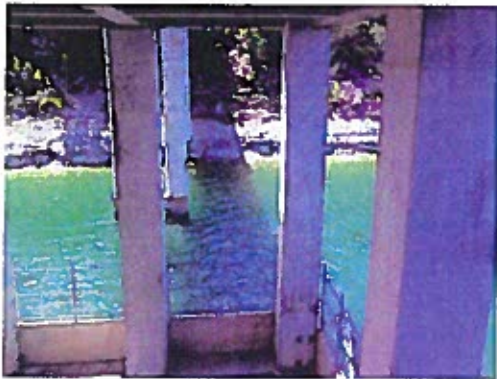
**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 2 – RAW WATER INTAKE IMPROVEMENTS AT
LAKE STILLHOUSE HOLLOW**



**Surge Relief Valve Foundation, Existing
BRA Raw Water Intake Structure and
Lake Stillhouse Hollow in Background**



**Form and Rebar Work on Walls of
Surge Relief Valve Vault**



**View of Lake Stillhouse Hollow and
Shore from Raw Water Intake Structure**



**Piping for Two-New 4 MGD Raw Water
Intake Pumps on Intake Structure, 30"
Raw Water Piping Manifold**



**Piping and Valves in Surge Relief Valve
Vault**

**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 2 – RAW WATER INTAKE IMPROVEMENTS AT
LAKE STILLHOUSE HOLLOW
(CONT'D)**



American Recovery and Reinvestment Act Sign at Raw Water Intake Site



Electrical and Control Building at Lake Stillhouse Hollow Raw Water Intake Site

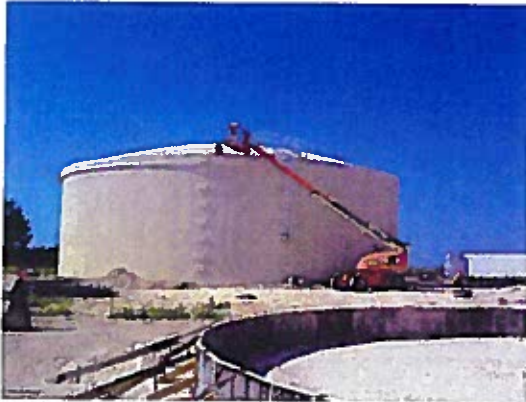


Electrical and Control Building at Lake Stillhouse Hollow Raw Water Intake Site



Electrical and Control Building at Lake Stillhouse Hollow Raw Water Intake Site

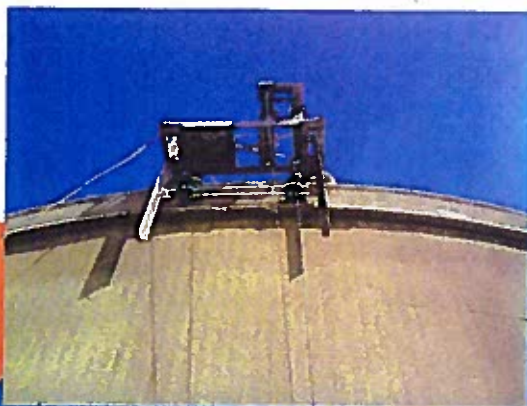
**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 3 – CLEARWELL TANK AT DOCK L. CURB
WATER TREATMENT PLANT SITE**



**One Million Gallon Prestressed
Concrete Clearwell Tank at Dock L.
Curb Water Treatment Plant Site**



**Reinforcing Steel on Walls of Clearwell
during Construction of Tank**



Clearwell Tank under Construction

**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 4 – HIGH SERVICE PUMP STATION AT DOCK L.
CURB WATER TREATMENT PLANT SITE**



Foundation under Construction



**Foundation with View of
Equalization Tank and Two-
Clarifiers in Background**



**Concrete Pump Pads, Ductile Iron Piping
Fittings in Pump Station Building**



**Welded Steel Hydropneumatic Pressure
Tank on Concrete Foundation Adjacent to
Pump Station Foundation. Tank and
Pumps Provides Plant Water Service**

**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 5 – TEN MILES OF 30" AND 24" DUCTILE IRON
WATER LINE FROM DOCK L. CURB WATER TREATMENT PLANT
SITE EAST TO ARMSTRONG ROAD**



**30" Ductile Iron Tee, 24" Gate Valve
near East Amity Road at I.H. 35**



Water Line Bore under Highway



Water Line Bore under Highway



30" Water Line under Construction



30" Water Line under Construction



30" Water Line under Construction

**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 6 – 600,000 GALLON COMPOSITE ELEVATED
WATER STORAGE TANK LOCATED NEAR THE INTERSECTION
OF BLACKBERRY ROAD AND ROYAL STREET EAST OF I.H. 35**



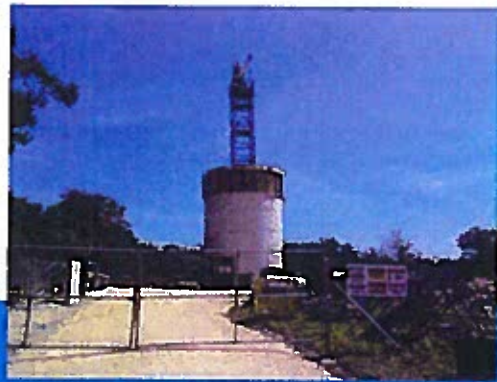
Foundation under Construction



Foundation under Construction

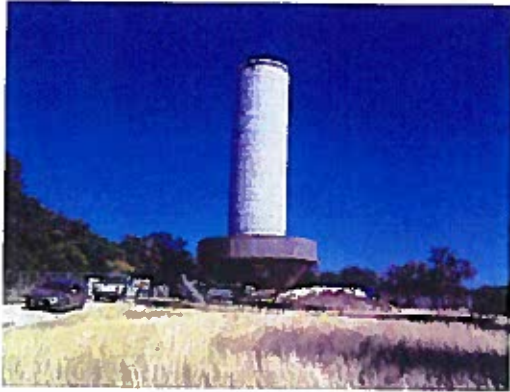


**Lower Concrete Support Wall
Structure**



**Cylindrical Concrete Wall under
Construction**

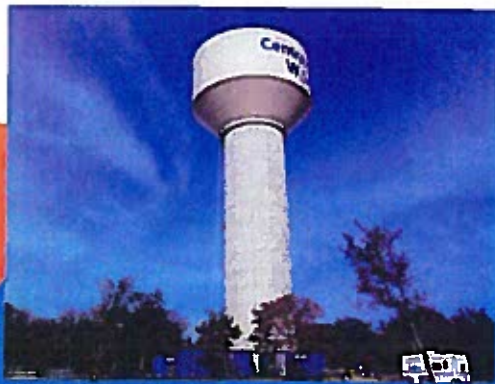
**CENTRAL TEXAS WATER SUPPLY CORPORATION
CONTRACT NO. 6 – 600,000 GALLON COMPOSITE ELEVATED
WATER STORAGE TANK LOCATED NEAR THE INTERSECTION
OF BLACKBERRY ROAD AND ROYAL STREET EAST OF I.H. 35
(CONT'D)**



**Concrete Structure Complete; Welded
Steel Tank Bowl at Ground Level**



**Tank Bowl Painted and Ready to Raise
to Top of Concrete Structure**



**Tank Bowl Successfully Raised to
Top of Concrete Structure**

**CITY OF ROUND ROCK
GREENLAWN PLACE 6" AND 8" WATER LINE
REPLACEMENT PROJECT**



Pipe Burst Machine in Trench



Polyethelene Pipe in Trench



PIPE Burst Machine in Trench



Pipe Burst Machine in Trench



**Gate Valve being Set in Place on
Polyethelene Pipe**

**CITY OF ROUND ROCK
GREENLAWN PLACE 6" AND 8" WATER LINE
REPLACEMENT PROJECT
(CONT'D)**



**Plug in Polyethelene Pipe; Pipe Burst
Procedure Saves Existing Sidewalk**



**Tee and Gate Valve on
Polyethelene Pipe**



**Polyethelene Pipe Joints being
Fused Together**



**Polyethelene Pipe following
Fusing Procedure**



**Polyethelene Pipe Sitting on
Pavement**

**CITY OF ROUND ROCK
GREENLAWN PLACE 6" AND 8" WATER LINE
REPLACEMENT PROJECT
(CONT'D)**



Pipe Burst Tool



**Water Service Saddle, Corporation
Lock and Service Line on Water Main**



**Wastewater Manhole will be Entry
Point to Televising Existing
Wastewater Line to Inspect for
Possible Damage**

**KINGSLAND WATER SUPPLY CORPORATION
3 MGD WATER TREATMENT PLANT
KINGSLAND, TEXAS**



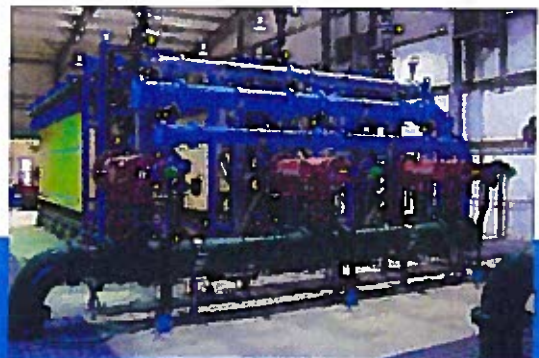
Two Concrete Clarifiers under Construction



Walkway on Top of Two Clarifiers



Membrane Filtration Pump Discharge Piping Turning into Floor Piping Chase

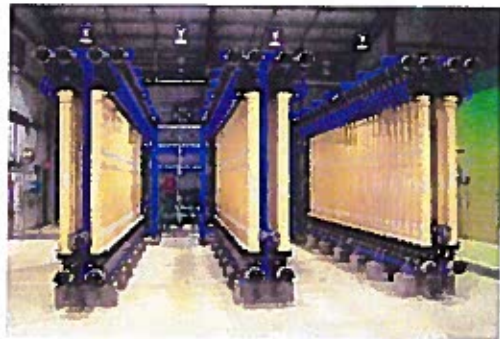


Strainers and Piping at South End of Membrane Filtration Racks

**KINGSLAND WATER SUPPLY CORPORATION
3 MGD WATER TREATMENT PLANT
KINGSLAND, TEXAS
(CONT'D)**



3 – 1.5 MGD PALL Membrane Racks



3 – 1.5 MGD PALL Membrane Racks



**South End of 3 MGD Water Treatment
Plant Building, Emergency Generator,
Chlorine Scrubber**

SECTION 4 – SCOPE OF WORK

A description of services by *S.D. KALLMAN* for the Water and Wastewater System Project is presented below:

- > Attend a preliminary conference with the City's staff and grant development personnel and other interested persons to discuss preliminary aspects of the project and to visit the site locations for the proposed improvements. At the conference, a determination can be made regarding property locations where easements may be required.
- > Conduct field design surveys for the improvements. All utility companies will be contacted so that all existing utilities can be shown on the final construction drawings to minimize any service outages.
- > Prepare complete plans and specifications, which will include the bid packet for the City's improvements. We have worked with many local governments on prior grant projects to develop a complete specification and bid packet that completely meets grant agency requirements.
- > Submit and gain approval from The Texas Commission on Environmental Quality (TCEQ) of the construction plans and specifications for the water improvements. It generally takes thirty days or more to gain TCEQ approvals.
- > Prepare field notes and maps for easement acquisitions and assist the City in any way necessary to acquire any required easements for the utility improvements.
- > Assist the City in advertising for bids using CivCast for Contractors to have free access to the Plans and Specifications prior to the bid opening. Conduct the opening of bids, evaluate the bids and make recommendation to the City on which contractor to award the construction contract.
- > Furnish five sets of executed contract documents for the project and all necessary sets of blueprints of the construction plans.

- Assist the City in holding a pre-construction conference with the contractor, as well as, perform construction staking for the improvements. Interim inspections, typically twice monthly, or as necessary if questions arise, will be provided of the contractor's work and observe field-testing of the improvements. A written monthly status report will be submitted to the City prior to regularly scheduled City Council meetings. If daily construction inspections are requested by the City, we can provide those services or train a City employee to do the inspections both with education in our office and in the field when construction begins. The construction contractor will be required to hire a geotechnical firm to provide construction testing services to verify trench compaction within roadway sections.
- Assist the City in the final inspection of the improvements and certify that the improvements were constructed in accordance with the project plans and specifications.
- Furnish an as-built set of reproducible drawings and AutoCAD computer disk of the improvements to the City of Johnson City.
- Furnish a copy of the final project record drawing(s) engineering schematic(s), as constructed. The maps shall be provided in digital format containing the source map data (original vector data) and the graphic data in files on machine readable media, such as compact disc (CD), compatible with computer systems owned or readily available to the City.

Section 5 – Experience with Similar Projects

EXPERIENCE WITH PROJECTS FUNDED BY GRANT/LOAN AGENCIES

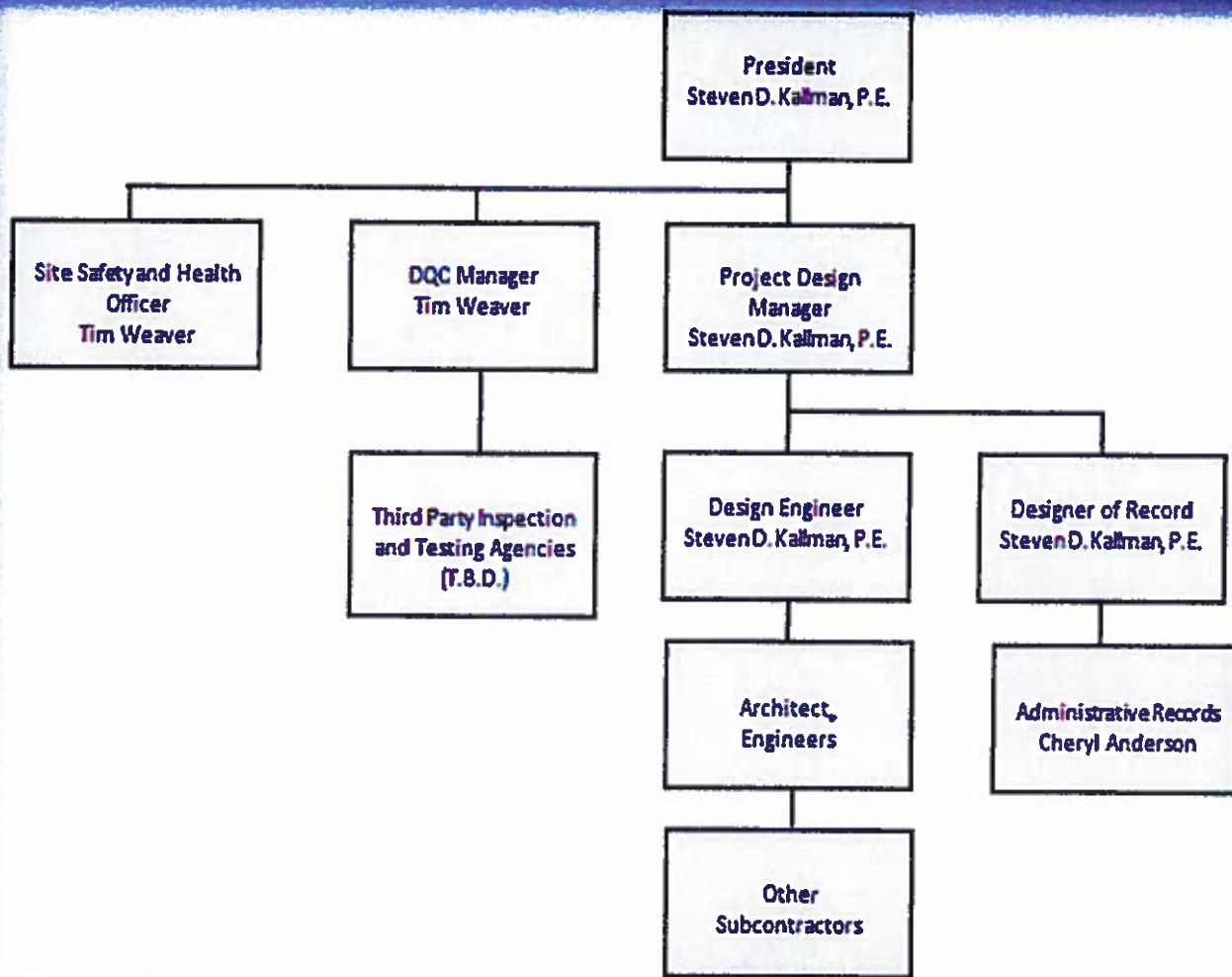
Mr. Kallman has been providing engineering services for Federal and State Grant funded projects for over forty eight (48) years. A very successful \$250,000.00 Community Development Grant project was for a 6" water line for 1st time services and reconnections to homes on inferior size water lines in 1999 by Mr. Kallman for the City of Granite Shoals, Texas. The project was completed well under the project budget and allotted time schedule. Mr. Kallman completed four (4) additional water and wastewater Grant projects for the City of Granite Shoals in 1999, 2007 and 2009, 2012. Mr. Kallman has also successfully completed water line rehabilitation projects for the Cities of Cottonwood Shores, Johnson City, Marble Falls, Rogers and Kingsland Water Supply Corporation. Our firm has completed many Emergency Generator Projects, small and large. Recently completed in 2014 with Hurricane Ike and Dolly Grant Funds for Gause Water Supply Corporation in Milam County were two Propane-Powered Emergency Generators for two existing Water Wells. The bids for the project were well within the budget. Mr. Kallman also designed an emergency evacuation shelter in the City of Milano with Hurricane Ike and Dolly Grant funds. Under construction at this time for the City of Carmine, Texas is a 20" diameter highway bore, 8" water line improvements and booster pump station replacement.

Mr. Kallman also has extensive experience with most of the active agencies and is acutely familiar with their rules, regulations, design criteria, etc., grant loan program for the following projects:

- | | |
|--------|---|
| 1974 — | FmHA Loan
West Brazos Water Supply Corporation
Water System Improvements |
| 1975 — | FmHA Loan
Cedar Park Water Supply Corporation
(Now City of Cedar Park)
Water System Improvements |
| 1975 — | FmHA Loan
Creedmoor-MAHA Water Supply Corporation
Water System Improvements |
| 1976 — | FmHA Grant/Loan
El Oso Water Supply Corporation
County Wide Water System Improvements |

- 1975 — Economic Development Administration
80% Grant
City of Round Rock
Swimming Pool for Lake Creek Park
- 1981 — Texas Water Development Board
\$5.5 Million Loan
City of Round Rock
6 MGD Raw Water Intake, 9 Miles of 30" Raw Water Line,
1 Million Gallon Clearwell and 6 MGD WTP
- 2009 — Texas Water Development Board
\$21 Million Loan
Central Texas Water Supply Corporation
American Recovery and Reinvestment Act Project funded
with Federal Stimulus money through the Texas Water
Development Board.
4 MGD PALL Microfiltration Water Treatment Plant
8 MGD Raw Water Intake Pumps in Lake Stillhouse Hollow
1 Million Gallon Pre-Stressed Concrete Clearwell
300,000 Gallon Welded Steel Ground Storage Tank for Flow
Equalization
8 MGD High Service Pump Station
10 Miles of 24" and 30" Water Line
600,000 Gallon Composite Elevation Storage Tank 130
Feet in Height
- 2013 — Texas Water Development Board
\$5 Million Loan
Central Texas Water Supply Corporation
4 Miles of 20" Water Line
8 MGD High Service Pump Station
SCADA Control System
- 2015 — Texas Water Development Board
\$27 Million Loan
Lone Star Regional Water Supply Corporation
22 Miles of 24" Water Line
Two (2) 10.5 MGD Water Pumping Stations
Two (2) 500,000 Gallon Ground Storage Tanks
One (1) 500,000 Gallon Standpipe
SCADA System

SECTION 6 – PERSONNEL AND RESUMES



S. D. KALLMAN, L.P.
Engineers and Environmental Consultants

Name: Steven D. Kallman, P.E., R.P.L.S.

Current Position: Professional Engineer; General Partner

EDUCATION AND EXPERIENCE

B.S., Mechanical Engineering, University of Texas, Austin, Texas; 1971

Completed Extension Courses at the University of Texas at Austin, College of Engineering In:

- Floodplain Hydrology (HEC-1)
- Advanced Biological Wastewater Treatment
- Advanced Physical & Chemical Wastewater Treatment

Completed Extension Course at the Texas Engineering Extension Service, Texas A & M University In:

- Environmental Site Assessment
- Underground Storage Tank--License B Removal Course
- Licenses A & B for Removal and Installation of Underground Storage Tanks

Construction Management and Inspection Services

- 3,000 GPM Water Well – City of Round Rock, Texas - \$200,000. – 1979
- 4 MGD Wastewater Treatment Plant – City of Cedar Park, Texas - \$15 Million – Daily Inspection – 1991
- 125 GPM Water Well – SWWC Utilities, Inc. – Comal County - \$234,000. – 2013
- 2 MGD Water Treatment Plant, Clearwell Tank, Standpipe Tank, High Service Pump Station, Floating Raw Water Barge on Lake Travis and Eight Miles of 16" Water Line - City of Cedar Park, Texas - \$5 Million – Daily Inspection – 1973.
- 6 MGD Water Treatment Plant, 1 Million Gallon Clearwell Tank, High Service Pump Station, 6 MGD Raw Water Intake Facility on Lake Georgetown - City of Round Rock, Texas - \$8 Million - 1981. Supervised Daily Inspection by Professional Engineers from Trinity Engineering and Testing Corporation.
- Greenslopes Water Line Pipe Bursting - City of Round Rock, Texas - \$400,000. - 2008.
- 1 Million Gallon, 20 Foot High, Pre-Stressed Concrete Tank - West Bell County Water Supply Corporation - \$600,000. - 2008.

1993 to Present

S. D. KALLMAN, L.P. -- ENGINEERS & ENVIRONMENTAL CONSULTANTS
Round Rock, Texas
President

1991 to 1992

Rio Tech, Inc. (RTI)
Austin, Texas
President

1990 to 1991

MATUSCO, Inc.
Austin, Texas
Vice-President

1977 to 1990

Haynie & Kallman, Inc.
Round Rock & Austin, Texas
Principal Engineer, Partner

1977

Trico International, Inc.
Round Rock, Texas
Office Manager

1974 to 1977

CECON, INC. (Turner, Collie and Braden, Inc.)
Austin, Texas
Project Manager

1973 to 1974	Reynaldo Salas & Associates Austin, Texas Design Engineer, E.I.T.
1972 to 1973	Turner, Collie & Braden, Inc. Houston, Texas Design Engineer, E.I.T.
1971 to 1972	Central Power & Light Co. Corpus Christi & Victoria, Texas Design Engineer, E.I.T.

QUALIFICATIONS

Mr. Kallman has forty years of experience in civil engineering, project management and inspection with master utility planning for municipalities and land development projects; planning, design and specifications for various projects, including regional and local water transmission and wastewater collection systems, treatment plants, and street and drainage improvements; utility appraisal studies; development of reports for municipal utility districts; utility mapping; and engineering liaison between many municipalities and various state and federal agencies. These include administration and performance of grants through the Environmental Protection Agency and H.U.D., bond reports for water districts through the Texas Commission on Environmental Quality (TCEQ), and loan and grant applications through Rural Development (formerly Farmers Home Administration), the **Texas Water Development Board**, and the Texas Department of Commerce.

ENGINEERING STUDIES:

- Wastewater Treatment Plant Study and Cost Estimates – City of Hutto – 2007
- Water and Wastewater Impact Fee Study - City of Round Rock, Texas; 1996; Updates in 1999 and 2003
- Preliminary Engineering Report for a \$22.3 million loan from the **Texas Water Development Board** for a regional project to construct a 6 MGD surface water treatment plant, 30" raw water line, raw water intake pumps, storage, pumping and 7 miles of 30" and 24" water transmission line improvements on Stillhouse Hollow Reservoir for the Central Texas Water Supply Corporation in Harker Heights, Texas; 2000
- Public Facility Plan - City of Round Rock, Texas; 1975
- Master Water and Wastewater Plan - City of Round Rock, Texas; 1980
- Master Water and Wastewater Plan - City of Round Rock, Texas; 1984
- Regional Water Supply Study - City of Georgetown, City of Round Rock, Jonah Water Supply Corporation
- Preliminary Engineering Report to acquire a \$5,500,000 low interest loan from the **Texas Water Development Board** to construct a 6.0 MGD surface water treatment plant, raw water line and associated facilities - City of Round Rock, Texas; 1980
- Preliminary Engineering Report to acquire a \$2,780,000 low interest loan from the **Texas Water Development Board** to construct a 3.0 MGD expansion to an existing 2 MGD water treatment plant and associated facilities - City of Cedar Park, Texas; 1982
- Surface and Groundwater Optimization Study - City of Round Rock, Texas; 1989
- County Wide Water Study for Mills County, Fox Crossing Water District, **Texas Water Development Board** Regional Grant; 1989

CAPITAL IMPROVEMENTS PROGRAM PROJECTS:

- Design responsibility for a \$22.3 million project to construct a 3 MGD surface water treatment plant, 30" raw water line, raw water intake pumps, storage, pumping and 7 miles of 30" and 24" water transmission line improvements on Stillhouse Hollow Reservoir for the Central Texas Water Supply Corporation in Harker Heights, Texas; 2000
- The Gilbert "Sonny" Kretschmar, Jr. Regional Water Line Project, formerly known as East Williamson County Regional Water Transmission System (EWCRTS) for Lone Star Regional Water Authority – Williamson County, Texas

Major Components of the 11 Contracts for this Project:

- 20 Miles of 24-inch D.I. Water Line
- Two 500,000 gallon Ground Storage Tanks
- One 500,000 Gallon, 130 foot high Ellipsoidal Elevated Tank
- Two 10.5 MGD High Service Pump Stations
- Three additional 12" Pipelines

This Project is currently undergoing construction on a regional water transmission system that will serve the growing water needs of central Williamson County through conjunctive use of ground and surface water. The regional system participants that are funding the project and that will benefit from additional water supply are the City of Jarrell, Jarrell-Schwertner Water Supply Corporation, and the Sonterra Municipal Utility District. Through the City of Jarrell, the CL&L Municipal Utility District will also benefit.

The \$27.6 million project is funded through the **Texas Water Development Board**. The LSRWA and S.D. Kallman, L.P. worked diligently with the **Texas Water Development Board** to obtain SWIFT funding and 80% Board Participation for the project that resulted in major financial benefits to the participants. The new facilities are scheduled to be in operation by the end of October, 2019.

- Design responsibility for 18" waterline for the City of College Station to inter-connect the City of College Station's Water Distribution System to Texas A & M University's System
- Design Responsibility for 18 inch through 8 inch Water Lines to Serve the new Karnes County Water System from Carrizo-Wilcox ground water.
- Design Responsibility for Water and Wastewater Line Relocations for Avenue Q and R - Home Demonstration Fund Grant Project - City of Marble Falls, Texas; 1998
- Design Responsibility for Water and Wastewater Line Relocation for Avenue L and N Area - Texas Community Development Program Grant - City of Marble Falls, Texas; 1999
- Design Responsibility for 42 inch through 24 inch Water Lines to Serve the West Part of Round Rock - City of Round Rock, Texas; 1985
- Design Responsibility for Nine Miles of 30" Raw Water Line to Lake Georgetown - City of Round Rock, Texas; 1980
- City of Marble Falls, Mormon Mill Street and Drainage Improvements; \$194,189.; 1999
- City of Marble Falls, 1999 IDC Industrial Park Development Program - First Phase; \$2.5 million; 1999
- City of Marble Falls, Avenue S Disaster Grant - Street and Drainage Improvements; \$30,000.; 1999
- City of Georgetown, The Rivery – Street and Drainage Improvements; \$59,100.; 1999
- Williamson County Road Bond Project, Arterial "A" Major Arterial Road and Bridge over Brushy Creek, \$6 million - 2011
- Williamson County Road Bond Project, Chandler Road, 3B, Hutto to near Taylor, 4 Miles Major Arterial Roadway, \$8.5 Million, 2011

CITY OF MARBLE FALLS

Master Water and Wastewater Plan – Year 2016

This Water and Wastewater Master Plan of the City of Marble Falls (City) was prepared as an overview of the entire Water System and partial Wastewater System located on the south side of Lake Marble Falls. The most recent previous study, completed in year 2002, entitled "Comprehensive Water System Evaluation – Year 2002 Update" also prepared by S.D. Kallman, L.P. ~~ Engineers and Environmental Consultants, evaluated only the City's Water System. This Water and Wastewater study outlined these two utility systems with respect to existing, proposed and recommended facilities in an effort to determine how water supply and distribution and wastewater treatment and collection demands were being met, and how increased demands should be contended with in the near and distant future through year 2044.

Comprehensive Water System Evaluation – Year 2002 Update

This study was to update the August 2000 "Comprehensive Water System Evaluation" report prepared by S.D. Kallman, Inc. ~~ Engineers and Environmental Consultants, was authorized by the City of Marble Falls (City), Texas in April 2002. This report has been prepared for the purpose of evaluating the City's 3.6 MGD surface water treatment plant and related major water distribution system facilities.

This study evaluated the water supply system with respect to existing facilities, proposed current projects and recommended 5 year Capital Improvements Program (CIP) in an effort to determine how water supply and distribution demands are met at this time, and how increased demands should be contended within the near term and distant future for a planning period of 20 years.

The study projected the future water demands of the City through service population and water demand forecasting. It analyzed the impact that these demands would have upon the existing water system and finally it made specific recommendations for a 5 year period and provided construction scheduling and cost estimates for improvements to meet these demands through a 5 year Capital Improvements Program.

CENTRAL TEXAS WATER SUPPLY CORPORATION

Facilities Evaluation and System Extension Study for Serving Water to Jarrell/Schwertner Water Supply Corporation – 2008

This study evaluated the amount of water that CTWSC could serve Jarrell/Schwertner WSC during on-peak and off-peak periods. Computer models of various scenarios were provided.

"Cost of Service" Study to Serve Jonah Water SUD – 2009

This study evaluated the treatment and delivery of Jonah's Lake Stillhouse water allotment by CTWSC to Jonah's service area. Jarrell/Schwertner WSC and the City of Salado were included as possible participants.

Facilities Evaluation and System Extension Study – 2009

This study evaluated CTWSC's existing water supply and distribution system flow demands with an without water service to Salado W.S.C. for current conditions (1999 records) and for ultimate contractual commitments to the wholesale customers or historical maximum drafts on the system by the wholesale customers, whichever was greater; modeled existing and proposed distribution system utilizing "KYPIPE 2000 Professional" software.

KINGSLAND WATER SUPPLY CORPORATION

Master Water Plan – 2009

A computer model was conducted on KWSC's water distribution system. Results of the model showed sizes and locations of water lines that should be installed over a five (5) year planning period. All existing water facilities were evaluated in accordance with TCEQ Chapter 290 Rules and Recommendations made for five (5) year Capital Improvements Program.

LONE STAR REGIONAL WATER AUTHORITY – WILLIAMSON COUNTY, TEXAS

Preliminary Engineering Study – 2013

The study involved twenty (20) miles of 24" water line to transfer water from the Lake Granger Water System west to I.H. 35 to serve fast growing demand centers. Estimated project cost was \$27.6 million.

CITY OF ROUND ROCK

Urban Services Plan – 1978

We prepared an Urban Services Plan for the City of Round Rock, Texas. This Plan was to analyze existing water and wastewater system capacity as an aid to the City in coping with anticipated water and wastewater capacity and helped Round Rock through several years of unprecedented development.

Master Water and Wastewater Study/Utility Mapping – 1986

This study involved analysis of the City of Round Rock's water and sewer needs as projected over the next ten (10) year period. During this project, we worked closely with the City's Planning Department to ensure that all projections for water and sewer

demands were in accordance with their anticipated population increases over the same ten (10) year period. This study also included complete development of comprehensive water and wastewater maps for the City. Computer modeling of the water distribution system for existing and projected conditions was provided. An update of this Master Plan was completed in 1986.

E.P.A. Step 1 Grant – 1979

With the assistance of our firm, the City secured an Environmental Protection Agency Step 1 Grant during the fall of 1979. This grant called for the performance of a complete infiltration/inflow analysis of the City's sewage collection system, preparation of an Environmental Information Document, Sewer System Evaluation Survey, and preparation of a complete Facility Plan outlining recommended improvements to the City's sewage collection and treatment facilities.

Impact Fee Study – 1985

This Study was prepared to assure the City's compliance with Senate Bill 336 (now modified as Senate Bill 395). *S.D. Kallman, L.P.* has updated this study in 1996, 1999 and 2002. The study evaluated the City's cost of providing major water and wastewater treatment facilities to serve projected service connection growth over a ten (10) year period.

CITY OF GRANITE SHOALS, TEXAS

Water Treatment Plant Evaluation – 2000

This study evaluated the City's existing water treatment plant as well as raw and treated water pumping capability to bring the facility into compliance with the latest TCEQ requirements. Our study resulted in the City's avoiding TCEQ enforcement for several cited violations.

CITY OF TEMPLE, TEXAS

Hickory Lift Station Preliminary Engineering Study and Design of Pump

Replacement/Upgrades – 2014

Task: Studied the existing 600 acre drainage basin to determine existing and ultimate peak wet weather flow demands. This drainage basin in Temple's wastewater service area will ultimately comprise a service population of 8,600 persons with a peak flow of 9 MGD (6,250 GPM). Lift station pumps were sized to replace the existing 4 pumps in the existing lift station. The construction cost of the improvements was \$550,000.

LOWER COLORADO RIVER AUTHORITY

Bridgepoint Water System on Lake LBJ – 2008

Planning and Design of a new water line to serve this existing Lower Colorado River Authority water system with potable water from the Kingsland Water Supply Corporation distribution system. Existing wells were taken off line. The construction cost of the improvements was \$200,000.

PARK PROJECTS:

- City of Rogers, City Park with Tennis Courts, Baseball Field, Restrooms - \$1 Million. - 2008
- City of Cameron, Swimming Pool, Basketball Court, Pavilion, Restrooms - \$800,000. -2007
- City of Marble Falls, Hike and Bike Trail, Pedestrian Bridge - \$300,000. - 1999

S. D. KALLMAN, L.P.

Engineers and Environmental Consultants

Name: Tim Weaver

Current Position: Civil Design Technician

EDUCATION AND EXPERIENCE

AutoCAD through 2010 - Graphic Design and Technical Illustration

2006 to Present	S. D. KALLMAN, L.P. --- ENGINEERS & ENVIRONMENTAL CONSULTANTS Round Rock, Texas Civil Design Technician Construction Inspector
2002 to 2006	Doucet & Associates, Inc. Austin, Texas Planning Tech, Level 2
2002 to 2002	Catalyst Engineering Group Pflugerville, Texas Lead Cad Tech / Coordinator, Level 4
2000 to 2002	Jones and Carter Engineering Inc. Austin, Texas Cad Technician, Level 2 Construction Inspector, Level 2
1989 to 2000	Partners Pet Center Round Rock, Texas Owner / Operator
1985 to 1989	Atlantic Richfield Oil and Gas Company Plano, Texas Senior Graphic Artist
1978 to 1985	Rockwell International Richardson, Texas Technical Illustrator

QUALIFICATIONS

Mr. Weaver has experience in Municipal Water and Wastewater Projects, Land Development Projects involving Architectural, Mechanical, Structural, Civil Design, exhibits for conceptual design to area feasibility studies/ARC GIS Map Production, Creation and Application of AutoCAD standards for start-up engineering firms and residential and commercial projects. Mr. Weaver also has performed construction inspections for projects involving Water, Wastewater and Conventional and Membrane Filtration Water Treatment Plants, Welded Steel and Precast Water Storage Tanks, Welded Steel and Composite Elevated Storage Tanks, Raw Water Intake Pumping Stations, 6" through 30" Water Transmission and Distribution Lines and High Service Pump Stations. His primary role as Inspector is to serve as the owner's technical representative on construction projects; assuring the projects are being built according to the plans and specifications. Day to day duties included: monitoring and documenting the construction progress, keeping accurate daily logs and communication with the Design Firms Principal and the General Contractors.

Cheryl Anderson

RESUME

Name: Cheryl Anderson

Current Position: Office Manager

EDUCATION AND EXPERIENCE

Education: *The University of Texas, Austin, TX*
Attended from 1999 to 2003

Experience:

April 2014 to Present

S. D. KALLMAN, L.P. --- ENGINEERS & ENVIRONMENTAL CONSULTANTS
Round Rock, Texas
Office Manager

- Offers Administrative Support to Principal and Project Manager
- Assembles Contract Documents for various projects
- Handles Job Bidding (including Advertising, Bid Notifications to Contractors, Distribution of Plans and Specifications, Maintaining Planholder List, any Addenda and Bid Tab Details)
- Various Accounting Duties (Accounts Payable and Receivable, Monthly Invoicing, 941 Reports and TWC Reports)
- Handling Insurance renewals for all Employees
- Coordination of Community Development Grants with Client, Contractor, Grant Consultants and Grant Agency.

October 2004 to April 2014

Texas Nurses Association
Nurse Aide Competency Evaluation Services (NACES) division
Austin, Texas
Program Coordinator and Support Services (January 2013 to April 2014)

- Manage 6+ Administrative Assistants on job tasks and procedure implementation.
- Solely responsible for Administrative Staff scheduling and coverage; Act as backup for Customer Service Supervisor and Lead Shipping Supervisor as needed.
- Primary point-of-contact for 2 state territory. Responsible for facilitating nurse aide testing/compliance with each state's mandates, and ensured compliance such as fee differentiation, mileage reimbursement, skills requirements and miscellaneous rules and regulations.
- Worked with multiple levels of executives fine-tuning contract resulting in exclusive contract with Neopost, which resulted in minimized shipping costs and reduced company expenditures; solely responsible for transition from Pitney Bowes to Neopost.
- Go-to contact for computer issues, troubleshooting and problem escalation, if necessary. Sole contract for Conductor and Pearson VUE to ensure things worked properly.
- Created testing environment in "dummy" database to ensure data accuracy in data import process to prevent inaccuracies and minimize software downtime.

Lead Administrative Assistant (May 2007 to December 2012)

- Trained 6+ new administrative assistants on job tasks and procedure implementation.
- Solely responsible for Administrative Staff scheduling and coverage.
- Primary point-of-contact for 2 state territory responsible for facilitating nurse aide testing/compliance with each state's mandates, ensuring compliance with all mandates.
- Worked with In-Site to create a scheduling database, Conductor, that provided fair and equal rotations for Nurse Evaluators within each state; utilized GoToMeeting to train evaluators on database.

Administrative Assistant (January 2005 to May 2007)

- Primary point-of-contact for 3 state territory; acted as back up for additional 3 state territory.
- Assisted in 2 state startup including procuring facilities and training nurses in test procedures.
- Responsible for opening all incoming mail, securing Nurse Aide applications and checks (approximately 200/day); batched checks, organized by state for deposit and delivered to Finance for processing.
- Managed 9-10 Quality Auditor Inspectors responsible for ensuring test site suitability, as well as annually auditing the testing evaluators to ensure standardized compliance.
- Responsible for lead generation and recruiting for facilities and Nurse Aide Evaluators by utilizing targeted online marketing through Monster Hot Jobs; distributed candidates to select Administrators.
- Produced quarterly report in Citrix, analyzed to ensure contract compliance regarding candidate test scheduling and emailed research findings in Excel document to client, Pearson VUE.

Customer Service Representative (October 2004 to January 2005)

- Handled customer phone calls (approximately 75/day) and provided problem resolution.
- Processed 200+ Nurse Aide applications daily for 6 state territory.
- Sent out test schedule Confirmation notifications to 200+ candidates/day.

August 2002 to October 2004

A+ Student Staffing
Austin, Texas
Various Temporary Contract Positions

January 1999 to August 2000

Joseph Chris Partners
Kingwood, Texas

Section 7 – Timeline for Project Completion

The following Tentative Project Schedule has been developed by *S.D. KALLMAN, L.P.* for design, bid preparation, contract award, and construction phases of this Project, once the Grant has been awarded and funds are available.

Week of

11/30/21	Engineer Retained to Design Project
01/31/22	Final Design Submitted to the City for Review
02/10/22	Meet with the City to Discuss Project
02/28/22	Final Design for Water System Improvements Submitted to TCEQ for Review
04/30/22	Plans Approved by TCEQ (Assume 60 Day Review)
05/15/22 & 05/22/22	Public Notice Advertising Bids on CivCast
06/10/22	Bids Received at the City's Office
06/20/22	City Awards Contract
06/30/22	Contractor Returns Contract Documents with Signature, Bonds, and Certificate of Insurance
07/05/22	City Signs Contract Documents; City and Engineer Hold Pre-Construction Conference and Issues Notice to Proceed
07/15/22	Begin Construction
05/15/23	Construction Complete (10 Months)
05/20/23	City and Engineer Prepare Final Punch List
05/31/23	Final Project Acceptance -- Facility in Service

Section 8 – System Award Management

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[SAM.gov Status Tracker](#)

The entire registration process will take up to 10 business days to complete. The Federal Service Desk cannot provide further information about your registration unless at least 10 business days have passed since you submitted your registration.

Check Entity Registration Status

The SAM.gov Status Tracker returns the registration status for publicly-searchable registration records. If you are a federal government user, please sign into SAM.gov and use the Search link in the main navigation menu to view registrations or data that are not publicly available.

If you are not a federal government user, you must have a role with an entity to check its registration status.

DUNS Unique Entity ID

807913371

EFT Identifier

Entity Information

Status **Active**

Your registration was activated on 2021-05-18. It expires on 2022-05-17 which is one year after you submitted it for processing.

Company Name **S.D. KALLMAN, L.P.**

DUNS Unique Entity ID **807913371**



Core Data Completed



Assertions Completed



Reps & Certs Completed



POCs Completed



Submit Completed



Processing Completed



Active Completed

More About

[Getting Started with Registration](#) +

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[Legend](#) +

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Section 9 – Texas Ethics Commission Form

CONFLICT OF INTEREST QUESTIONNAIRE		FORM CIQ
For vendor doing business with local governmental entity		
<p>This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.</p> <p>This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).</p> <p>By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.</p> <p>A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.</p>	OFFICE USE ONLY Date Received:	
<p>1 Name of vendor who has a business relationship with local governmental entity.</p> <p style="text-align: center;">S.D. Kallman, L.P. Engineers and Environmental Consultants</p>		
<p>2 <input type="checkbox"/> Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)</p>		
<p>3 Name of local government officer about whom the information is being disclosed.</p> <p style="text-align: center;">Rick Schroder, Chief Administrative Officer for City of Johnson City</p> <p style="text-align: center;">Name of Officer</p>		
<p>4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.</p> <p style="margin-left: 40px;">A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?</p> <p style="margin-left: 80px;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </p> <p style="margin-left: 40px;">B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?</p> <p style="margin-left: 80px;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </p>		
<p>5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.</p> <p style="text-align: center;">Not Applicable</p>		
<p>6 <input type="checkbox"/> Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).</p>		
<p>7</p> <p style="text-align: center;"> P.E. Signature of vendor doing business with the governmental entity </p> <p style="text-align: right; margin-right: 50px;"> 11/19/2021 Date </p>		

Section 10 – Professional Liability Certificate



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/16/2021

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).

PRODUCER Brookshire Insurance Agency 306 W. Main Street Suite 10 Round Rock TX 78664		CONTACT NAME: R. Brent Kriegel (LIC. No. Exp): 512-218-0262 FAX (LIC. No.): (M)61317-0407 E-MAIL: bkrent.ws1@brookshireins.com ADDRESS:	
INSURED S.D. KALLMAN LP 1106 SOUTH MAYO ST ROUND ROCK TX 78664		INSURERS AFFORDING COVERAGE	
		INSURER A: Sentinel Ins Co	NAIC # 11000
		INSURER B: Progressive County Mutual	29203
		INSURER C: Hartford Property & Casualty	37478
		INSURER D: Travelers Casualty & Surety Co	19034
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: CG53301080 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.

YR	TYPE OF INSURANCE	ADDL INSR	POLICY EFF	POLICY EFF	LIMITS	
YR		NO. / MOD.	(MM/DD/YYYY)	(MM/DD/YYYY)		
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER POLICY <input checked="" type="checkbox"/> PROTECT <input type="checkbox"/> LOC OTHER:		458BA132286	2/19/2021	2/19/2022	EACH OCCURRENCE \$ 2,000,000 UNPAID UNRECOVERED PREMIUMS (As a percentage) \$ 1,000,000 AED EOP (Any one person) \$ 10,000 PERSONAL & ADV SALARY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COAL/PROP AGG \$ 4,000,000
B	AUTOMOBILE LIABILITY <input 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		82214345-8	2/19/2021	2/19/2022	COVERED SINGLE LIMIT (As accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Waiver of Subrogation \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED: RETENTION \$ 10000 <input type="checkbox"/> CLAIMS-MADE		458BA132286	02/13/2021	02/19/2022	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/RECURVE OFFICER/MEMBER EXCLUDED? (Indicate by 'X') If 'X', describe under DESCRIPTION OF OPERATIONS below	Y/N	458BCK34088	2/19/2021	2/19/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH <input type="checkbox"/> EW EL EACH ACCIDENT \$ 1,000,000 EL DISEASE - EMPLOYER \$ 1,000,000 EL DISEASE - POLICY LIMIT \$ 1,000,000
D	Design Professional Liab including pollution liability		103232538	2/13/2021	2/13/2022	\$1,000,000 each claim \$10,000 Ded \$1,000,000 All Claims \$30,000 Ded

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

CERTIFICATE HOLDER City of Johnson City 303 East Pecan Street PO Box 369 Johnson City, TX 78636	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE R. Brent Kriegel/RDC
--	--

SECTION 11 – S.D. KALLMAN REFERENCES

WEST BELL COUNTY W.S.C.

Mr. Bob Whitson, General Manager
Phone: (254) 702-5329
Email: westbellwater@hotmail.com

GRANT DEVELOPMENT SERVICES

Gandolf Burrus, Owner
Phone: (512) 560-4477
Email: gburrus@texasgrants.us

LONE STAR REGIONAL WATER AUTHORITY

Mr. Tom Ray, General Manager
Phone: (254) 855-0880
Email: tom@lonestarrwa.com

JONES-HEROY & ASSOCIATES, INC.

Mr. Jason Jones
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