KSA

August 17, 2020

Statement of Qualifications Presented to the City of San Augustine

Texas General Land Office ("GLO") Community Development Block Grant Disaster Recovery-Mitigation (CDBG-MIT) Program Professional Engineering Services

211 E. Shepherd Ave. Suite 205
Lufkin, TX 75901
936.637.6061

August 13, 2020

John Camp, City Manager
City of San Augustine
301 South Harrison Street
San Augustine, Texas 75972

Re: ***RFQ for Texas General Land Office ("GLO") Community Development Block Grant Disaster Recovery-Mitigation (CDBG-MIT) Program Professional Engineering Services***

Dear Mr. Camp:

As you well know, disaster recovery projects are an important part of moving our communities forward in the wake of a variety of natural disasters. They provide for critical infrastructure improvements to repair damaged facilities as well as reinforcement of facilities to mitigate against future damage due to natural disasters. Making life better in communities is one our goals at KSA, and that is why we are pleased to submit this proposal to provide professional engineering services to City of San Augustine.

Our understanding is that project improvements will be developed to address the needs of the city due to impacts from a series of natural disasters. We have reviewed the evaluation criteria and designed our proposal and team to address the issues as they relate to this project. Project-related services at a minimum will include the following:

- **Application Development** – The KSA Team will work with the City and Grant Administrator to develop the Grant Application package. Our Team's experience in similar projects will facilitate our goal of providing engineering related information to the City and Grant Administrator in a timely manner and a format that can easily be inserted into the grant application package.
- **Preliminary and final design plans and specifications** – The KSA team has decades of experience providing plan and specification packages for similar projects. Our long running relationships with numerous public and private sector clients enhance our abilities to provide plans and specifications that are easily understood by municipalities, city governments, and other governmental entities. Our attention to clients, budget, schedule and quality control encourage good competitive bidding and leads to a quality project for everyone.
- **Preparation of the bid package** – Prior to bidding, KSA will provide detailed cost estimates to ensure the project is within budget and meets project requirements. Cost estimates will aid in preparation of the bid package. KSA will prepare bid packages, advertisement/solicitation packages, facilitate bid openings, prepare bid tabulations and furnish recommendations regarding bidding results.
- **Conduct all field testing and inspections (interim and final)** – The KSA team is capable of providing all anticipated field testing and inspection services including construction material testing and resident project representative services. Where services cannot be self-performed, KSA enjoys strong relationships with numerous consultants that could be added to the project team.

- **Other special services** – Other special services typically associated with disaster recovery infrastructure projects include geotechnical investigations, permitting through various governmental agencies, design and construction survey and boundary survey in the event land purchase is necessary. Each of these services can be performed by the KSA team through direct performance by KSA, or through a strategic teaming relationship with other consultants.

KSA has been providing engineering services in Texas for over 42 years, and I confirm that KSA meets the appropriate state licensing requirements to practice as an Architect/Engineer in Texas. I confirm that KSA has not had a record of substandard work within the last five years. I confirm KSA has not engaged in any unethical practices within the last five years.

From the enclosed information, you will find that the KSA team has an excellent record of performance in providing quality service. We are confident we have the team and project experience that can provide City of San Augustine with the quality services it needs. We trust this proposal provides all the requested information. Please contact our project manager, C. Daniel "Danny" Hays, P.E., at 936.637.6061, if you have any questions or require additional information about KSA to complete your assessment of our capabilities.

We appreciate your consideration of our proposal. We look forward to hearing from you regarding your review of the proposal and the possibility of working with you on this important project.

Sincerely,

KSA

Mitchell L. Fortner, P.E.
President

About KSA

KSA is an industry leader with a proven track record in the fields of civil engineering and architectural design.

Founded in 1978, KSA provides a broad range of consulting, management, engineering, architecture, planning, surveying, and construction services to our clients across the south-central United States.

KSA is dedicated to making life better in communities.

That's why we work every day to improve the quality of life for our communities by making city halls, courthouses, fire stations, police stations, libraries, community buildings, roads, bridges, water, and airports safer. From conception to final completion, our knowledgeable teams oversee all aspects of each project on which we work. This attention to detail has resulted in consistent client satisfaction and an excellent reputation throughout the region. It has also led to a high percentage of repeat clients. In fact, we have been serving many of the same clients throughout our entire history.

KSA Core Values

- COLLABORATIVE TEAMWORK
- COMMITMENT TO EXCELLENCE
- MUTUAL RESPECT
- CONSISTENT INTEGRITY
- FUTURE FOCUSED

KSA has grown to 144 employees located in multiple offices in the south central U.S. KSA has been named to the ENR Top 500 list as one of the 500 largest design firms in America. KSA was selected as a Zweig Group 2020 Hot Firm and 2020 Best Firms To Work For.

PRIMARY CONTACT
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KSA Office Locations

Amarillo, Texas
Austin, Texas
Longview, Texas
Lufkin, Texas
McKinney, Texas
Norman, Oklahoma
San Angelo, Texas
Shreveport, Louisiana
Sugar Land, Texas
Tyler, Texas

About KSA

Engineering

We provide civil, mechanical and electrical engineering services for community facilities, such as water and wastewater treatment plants, street and drainage improvements and recreational facilities. We commonly assist cities with the development of capital improvement plans for infrastructure needs. We utilize all our resources to provide long-term, high-quality, functional solutions.

WATER AND WASTEWATER
DRAINAGE
TRANSPORTATION
MECHANICAL, ELECTRICAL, & PLUMBING
STREETS & ROADS

Architecture

KSA provides architectural design services to local, state, and federal agencies and a variety of institutions, including K-12 and higher education, airports, and recreational facilities and event venues.

Aviation

KSA's Aviation Services group has a holistic approach to aviation engineering. We take on each project with future projects in mind, thereby ensuring our clients are always prepared for their next need or development opportunity. Our staff has completed aviation projects for airports across the southwest region, ranging in size from small general aviation airports to medium hub commercial service airports.

Surveying

Surveying, which is often the first course of action before design starts, establishes land boundaries and topography. KSA utilizes the latest technological advances to provide accuracy in survey measurement and to ensure that the designs are compatible with the environmental and topographical conditions of the communities we serve.

SURVEY & MAPPING
GIS

Alternative Project Delivery

KSA provides turn-key project delivery through multiple delivery methods. From concept through completion with a single contract, we leverage strategic partnerships with qualified contractors and our subsidiary BLOC Design-Build, LLC., to deliver projects in the most cost-effective manner.

Because of the success generated from our early wastewater work, we expanded naturally into other municipal service offerings.

SERVICES

Engineering

Drainage

Experience with major drainage projects, coupled with the latest computer technology, enables KSA to design and implement innovative drainage solutions. We have in-depth knowledge of Federal Emergency Management Association (FEMA) procedures for letters of map revision (LOMR) and conditional letters of map revision (CLOMR) coordination. Our use of hydrology and hydraulics (H&H) modeling programs allows us to confirm impact of drainage modifications to sensitive sites and design sustainable drainage solutions.

Mechanical, Electrical, and Plumbing

Our electrical engineers, master electricians and instrumentation technicians design automation and remote monitoring systems for municipalities, airports, manufacturers, and the oil and gas industry. Our electrical services include design, installation, maintenance and troubleshooting electrical wiring systems to power facilities of varying sizes. We custom-build and program supervisory control and data acquisition (SCADA) systems to maximize operating performance.

Streets and Roads

Transportation systems like roadways, highways, toll facilities, bridges and water resources play a huge role in our ability to go about our everyday lives – both work and play. At the core, we are committed to improving trip safety and quality for the traveling public. We have extensive experience in street and road development and improvements and we work with municipalities and state agencies for street assessments, safe streets programs, capital improvement plans, street reconstruction and extension design and other street-related services like stormwater pollution prevention planning (SW3P) and signage, striping, and traffic control.

Water and Wastewater

Adequate water supply and wastewater treatment capacity are always critical components of a city's ability to grow. KSA serves both public and private sector clients in the areas of water and wastewater treatment, water transmission and distribution and wastewater collection systems. We specialize in the modification of existing water and wastewater treatment plants to meet evolving national, state and local treatment standards. Our staff performs all facets of permitting, treatability studies, design, construction administration and operational training.

At KSA Engineers, Inc., we recognize in a world crowded with consulting engineering firms, it is our service and experience that separates us from other firms. With that in mind, we are committed to providing exceptional service and quality on every project. We have an exceptionally high percentage of repeat clients. The following pages highlight some of our ***flood drainage and improvement experience****, as well as lists of our extensive* ***federally funded experience*** *and* ***local experience*** *in the general region of the City of San Augustine.*

2011 TxCDBG Disaster Relief Drainage Improvements

Naples, Texas

As part of the 2011 Texas Community Development Block Grant Disaster Relief Program, the City of Naples received funding to repair flood damage that occurred within the city. The project consisted reconstruction of Kenn Street and adjacent road side ditches to facilitate positive street drainage. Culverts at Smith Street, Galloway Street, and Simpson Road were replaced due to inadequate sizing and structural failures. A drainage ditch between Galloway Street and Smith Street was widened and regraded to improve the area's ability to convey stormwater flows quickly downstream to better protect against future flooding occurrences.

Drainage Study for South Post Oak Place

Houston Southwest Airport - Fort Bend, Texas

KSA is authorized by Tejas Avco Inc. doing business as Houston Southwest Airport to design the West Fork of Chocolate Bayou (WFCB) to convey the 1% (100-year) storm as per the Fort Bend County Drainage District (FBCDD) Drainage Criteria Manual (DCM). WFCB meanders through 210 acres located north of Houston Southwest Airport. South Post Oak Boulevard (SPOB) splits the property that is located between State Highway (SH) 6 on the north and McKeever Road on the south. WFCB discharges into the Gulf Coast Water Authority's Briscoe Canal on the south side of the property that flows along McKeever Road. FEMA FIRM 48157C0315L shows the property is located in Zone X, so no floodplain is located on the property. Tejas Avco Inc. will construct collector streets for the development that will add 2.6%of impervious area to the property. The increase in runoff will be mitigated by on-site detention as increases in flows over existing conditions are not allowed as per FBCDCM. Likewise each parcel will be required to detain proposed flows and release at a rate equivalent to existing conditions.

Ashmore Unit 4 Emergency Drainage Improvements

Tyler, Texas

The City of Tyler maintains a 20 feet wide drainage easement through Ashmore Addition Units 3 & 4. Storm water flows generally travel west to east through the Ashmore Addition from Salisbury to Ashmore Lanes via open channel and box culvert road crossings. From information provided to KSA by the city, the drainage system between Salisbury and Ashmore Lanes consists of the following:

- Upstream of Salisbury Lane: 10-foot wide x 4-foot tall rectangular open channel
- Beneath Salisbury Lane: 10-foot wide x 4-foot tall box culvert
- Downstream of Salisbury Lane: 10-foot wide x 4-foot tall rectangular open channel
- Between Salisbury and Ashmore Lanes: The 10-foot wide x 4-foot tall rectangular open channel transitions to a 10-foot wide x 5-foot tall rectangular open channel upstream of Ashmore Lane
- Beneath Ashmore Lane: 10-foot wide x 5-foot tall box culvert
- Downstream of Ashmore Lane: 10-foot wide x 5-foot tall rectangular open channel

In November 2015, residential retaining walls in the Ashmore Addition Unit 3 & 4 drainage channel failed between the Salisbury and Ashmore Lanes. The wall failures resulted in the deposition of debris and soil into the existing 10-foot wide open channel thereby impeding storm water flows. In February and March 2016, the City of Tyler, in response to the flow impedances from the wall failures, removed debris from the channel and installed one (1) 42-inch and one (1) 48-inch culvert pipe approximately 300-feet in length to restore positive drainage within the Ashmore Addition. In February 2016, KSA was retained by the City of Tyler to perform engineering services to restore and/or improve the drainage channel between Salisbury and Ashmore Lanes and restore adjacent properties to nearby pre-failure conditions. A detailed HEC-RAS analysis of the channel was performed to determine if additional capacity could be constructed as part of the channel restoration. The analysis determined that additional hydraulic capacity could not be achieved easily due to site and budget constraints.

The design considers the reuse of the non-damaged portions of the open channel and modifying the open channel to a box culvert. The northern channel walls would be reused in their entirety and vertical height of the channel would be added to fully utilize the site's elevation constraints and provide as large a box culvert as possible. The channel bottom would also be reused to the greatest extent possible with only sections of damaged area replaced as required upon exposure and subsequent inspection by all parties. As stated above, the maximum top elevation of the box is estimated 482 feet msl to maintain area drainage from residential properties. Integral inlets in the top of the box would be constructed to allow for proper drainage from adjacent properties. Failed retaining walls on the south side of the channel would be reconstructed and returned to pre-failure grades and elevations. Intact retaining walls that are similarly constructed to the failed section would be demolished and reconstructed.



Capri, Rhodius, and Albrecht Road Improvements

Selma, Texas

The City of Selma contracted KSA to design and manage all aspects of three new roads and associated utilities and drainage improvements totaling $1.2 million in construction cost. The Capri, Rhodius, and Albrecht street and utilities project encompassed approximately 4,000 linear feet of new asphalt road, 8,000 linear feet of new water and sewer lines, and over 10,000 linear feet of drainage improvements, including culverts, underground storm sewer, and improved drainage ditches.

A key aspect of this project was the protection of trees along a historic property adjacent to the project site. Cost effective engineering solutions helped retain these trees while maintaining road and utility access for all properties along these streets and ensuring proper drainage within the right-of-way. Project design elements included raising the road grade near the drip line of these trees to minimize excavation near roots and underground cross-drainage structures to divert storm water flows around the trees and into downstream structures.

Due to the flat or reverse grades of the existing topography, a detailed analysis was performed prior to project design to ensure gravity sanitary sewer would be a viable option for these new streets. Through utilization of minimum TCEQ slopes and efficient pipe network layout, a gravity sewer was possible, resulting in significant utility cost savings to the city. Storm water flows were also thoroughly studied to ensure positive drainage of all streets and right-of-ways while minimizing the easements required. KSA also coordinated with downstream property developers to tie proposed grades together and confirm the compatibility of interconnecting drainage improvements.

After development of the plans, specifications, and cost estimates, KSA administered bidding and managed construction for the city. The awarded low bid amount, including add alternates, was 15% lower than KSA's cost estimate. As construction on this project proceeded to completion, KSA continued to evaluate options for cost savings while ensuring all design requirements were met for a successful project that satisfied all city and resident stakeholders.

Lookout Road Widening and Bridge Improvements

Selma, Texas

Lookout Road is the primary growth corridor within the City of Selma, a suburb community of 9,000 residents northeast of San Antonio. Lookout often serves as a reliever for IH 35 congestion, connects to multiple single-family and multi-family developments, and attracts many Fortune 500 companies like Amazon and O'Reilly Automotive within the industrial parks along the east end of the corridor. With frequent flooding, limited sight distance at intersections, and a deteriorating two-lane road, the need to improve Lookout Road was clear.

KSA worked with Selma leaders to plan and design the Lookout Road Improvements Project which includes over 8,000 linear feet of four-lane arterial asphalt and concrete pavement with paved shoulders, dedicated turn lanes at major intersection, a 400 linear feet bridge over Cibolo Creek, drainage improvements, modifications to an existing traffic signal, and a 10-foot wide multi-use trail. Due to the significant topographic changes along the improved road, KSA's engineers used a combination of underground storm sewer, drainage channels, curb and gutter, and retaining walls to design the most cost effective solutions to existing drainage problems along Lookout's right-of-way. KSA also coordinated with city staff and surrounding property owners to develop a detailed construction phasing and traffic control plan to minimize the impacts to adjacent residences, businesses, and the commuters that use Lookout Road daily.

In addition to designing the Lookout Road improvements, KSA also provided the city comprehensive project-related services including topographic survey, environmental assessment, geotechnical investigation, hydraulic analysis of the bridge and drainage improvements, property and easement acquisition assistance, public involvement, and City Hall display exhibits for the construction funding bond election.



Lufkin Sayers Street Reconstruction

Lufkin, Texas

KSA was hired by the City of Lufkin to design, procure, and administer construction for a complete reconstruction of the city maintained portion of Sayers Street. Sayers Street is a critical collector street within the City of Lufkin traffic system and begins as FM 2251 at Loop 287/US 69 in the north portion of the city. Originally, Sayers Street was constructed as a typical residential street. However, traffic levels on the street moving between Loop 287, HWY 103, and the city's downtown area had increased sufficiently to make safety and street maintenance problematic.

The completed project reconstructed the municipal portion of Sayers Street. The street width was increased to match the lane widths provided in the TxDOT controlled portion of the roadway. Design traffic loading was carefully considered and the roadway was designed for a medium duty condition rated for 175 thousand ESEL. The final roadway cross section consisted of lime stabilized sub-grade and asphaltic concrete Type "D" working course followed by an asphaltic concrete Type "C" base course overlaid with a 2-inch Type "D" wear course. The decision to use asphaltic base instead of traditional road base was driven by the City of Lufkin's ability to provide and lay asphalt. As part of the city's street maintenance program, Lufkin purchased asphalt milling and lay down equipment and the city performed those work elements for this project.

The roadway received curb and gutter section and extensive storm sewer installations were required to convert from the previous open ditch section. 520 linear feet of concrete box culvert, 1,050 linear feet of 24-inch diameter reinforced concrete pipe and 1,300 linear feet of 18-inch diameter RCP were installed. Total cost of drainage improvements equaled approximately $300,000. Water and sewer infrastructure along Sayers Street were completely replaced as a portion of the work. Approximately 3,500 linear feet of 8-inch water line and comparable amounts of 8-inch sewer line was constructed. Eighteen manholes and 8 fire hydrants were installed. An ADA accessible sidewalk including curb ramps were provided along the entire length of the proposed project. During construction, KSA worked closely with the city and the contractor to coordinate road closures and facilitate the interaction between the city's street crews and the contractor.

Drainage Analysis

Hempstead, Texas

KSA was selected by the City of Hempstead to analyze the effects of a developer mutilating the FEMA floodplain on Blasingame Creek without coordinating with FEMA or the city. This project determined new FEMA 100-year base flood elevations based on FEMA flows for 1,700 feet of creek that was cleared. KSA prepared the hydraulic analysis using the Hydraulic Engineering Center's River Analysis System (HEC-RAS), surveyed cross sections of the modified creek, conducted site visits and utilized the FEMA model for the analysis. The 100-year floodplain water surface elevations were obtained from FEMA to compare the pre- and post-development effects to the floodplain.

The developer in this area wanted to build houses on lots that were partially located in the 100-year FEMA floodplain. The developer's proposed solution was to increase the conveyance of Blasingame Creek and add fill to increase the elevation of the lots. The developer fully cleared 1,700 feet of treed floodway in Hempstead and removed soil from the floodway without coordinating with FEMA. This action greatly impacted the FEMA floodplain.

The most important thing KSA's engineers needed to keep in mind during design was the impact on the floodplain and what the long term effects would be. The existing FEMA HEC-2 models were updated with the proposed changes to the floodplain, a cost effective action that saved the owner money. The conversion of HEC-2 models to RAS played a big role in the overall outcome of this project.

This successful project was finished on time and within the proposed budget. The City of Hempstead's needs were fulfilled and were presented with a good product that will improve the floodplain.

7th Street Drainage Analysis from Allen St to McDade

Hempstead, Texas

Neighborhood residents experienced flooding at the intersections of 5th & New Orleans and 7th & Baker. KSA was retained to analyze the hydrology and hydraulics at these two intersections and recommend improvements to relieve the flooding.

Waller County requires culverts that serve less than 100 acres to be designed to the 5-year storm event. The intersection of 5th and New Orleans Street conveys 15 cfs during the 5-year storm. New Orleans Street between 4th and 5th Street contains a drainage channel on the north and south sides of the street that currently convey flow to west. The channel on the south side should be regraded from 4th to 5th as sediment has been deposited at the intersection of 5th and New Orleans that causes water to pond in the intersection. The channel on the north side should be regraded at 0.15% to convey flow east. The channel should have a 5-foot bottom width, 3:1 side slopes and be 2.5-foot deep. The channel will convey 22 cfs to 4th and 30 cfs to 3rd. The culvert at 4th and New Orleans should be upsized to a 36 inch. The 42 inch culvert at 3rd and New Orleans will have to be reset to the flow line of the channel.

The intersection at 7th and Baker conveys 5 cfs. The intersection contains (2) 18 inch culverts that run north and south under Baker. These culverts are sufficient to carry 5 cfs each. The culverts should be cleaned of sediment that has deposited upstream, downstream and in the culverts. The capacity of the west culvert has been greatly reduced by sediment deposited at the inlet. The channels that run along 7th Street between Allen and Baker need to be regraded. The channel south of Baker and west of 7th should be excavated to have a 2-foot bottom width and be 1-foot deep with 3:1 side slopes.

The recommendations are preliminary and require survey for further design and construction. Drainage infrastructure at these intersections consists of flat slopes. Survey should be obtained to verify flow direction in the gutters and channels, set the elevations of the proposed structures and tie in to natural grades.

Houston County Lake H&H Analysis, Dam Breach and EAP

Crockett, Texas

In a world of extreme weather catastrophes, dam safety ranks at the top of the hazard mitigation list. Weather patterns that produce extreme rainfall and runoff result in flooding that tests the structural integrity of a dam. In the event that a dam were to breach, downstream residences would be flooded beyond the FEMA 100-year floodplain. Dam safety is regulated by Title 30 Part 1 Chapter 299 of the Texas Administrative Code (TAC 299) which requires an existing, high-hazard dam pass 75% of a probable maximum flood (PMF) without overtopping. The PMF is theoretically the largest flood resulting from a combination of severe meteorological and hydro logic conditions that could occur over a watershed. PMF is an estimation of runoff from the probable maximum precipitation (PMP) that is temporally and spatially distributed. PMP depths are calculated based on statistical data from historic rainfall events.

TAC 299 also requires an emergency action plan (EAP) and breach analysis be developed by a professional engineer. This plan identifies the inundation area and defines the procedures to be followed to minimize the loss of life and property should the dam fail. Houston County WCID No. 1 hired KSA to determine if the dam met the minimum hydrologic criteria and to develop a viable EAP that outlines the plan of action to take depending on the condition of the dam.

Houston County Lake Dam is an intermediate size, high hazard dam that impounds 40,000 acre-feet of water, is 50 feet tall and has a 1,700-foot dam. The dam would produce a peak breach discharge of 164,402 cubic feet per second when the reservoir water level is at the top of the dam. The high hazard classification is based on loss of life and excessive economic loss that would occur as a result of a dam failure. Houston County Lake Dam is high hazard due to more than three habitable structures in the breach inundation area, which would endanger more than seven lives and have excessive economic loss to industrial facilities, public utilities and main highways.

After an extensive data collection process that included a site visit, KSA's talented engineers developed a hydrologic and hydraulic (H&H) model. The hydrologic model encompassed the contributing watershed to determine how much water flowed to the lake. The hydraulic model determined the water surface elevation in Little Elkhart Creek and spanned 19 miles downstream where the flow was 75% contained within the Trinity River. The H&H model was used to develop the breach analysis and EAP. KSA's PMF analysis determined that Houston County Lake Dam passed 75% of the PMF, is hydraulically adequate, and does not require future modifications to increase the spillway's capacity.

Houston County was pleased with the findings, not only because it fulfilled regulatory requirements and no construction was necessary, but also because it was conducted in a timely, cost-efficient manner. KSA's relationship with Houston County began back in the mid-1990s when KSA initially became their engineer of record. Over the years, by successfully completing several projects (including two major water plant improvements) KSA is proudly regarded as their trusted partner and advocate.

Little Crooked Creek Drainage Improvements, Phase 1

Springhill, Louisiana

Little Crooked Creek is a meandering waterway that serves as a major drainage route for Springhill, Louisiana. As the community continued to develop, flooding near Little Crooked Creek became a significant problem. We were tasked with developing a method to alleviate flooding while minimizing impacts to adjacent right-of-way.

This project was partially funded by the Louisiana Department of Transportation and Development (DOTD) as part of its flood prevention program. As to be expected, a major component of the project tasks included preparation of funding applications and coordination with DOTD.

The final design was comprised of rehabilitation of a 3.2-mile section of the waterway by routing runoff into two (2) regional detention ponds. Project scope included topographic and boundary surveys, plan development, hydraulic analysis, preparation of right-of-way maps, erosion protection, and construction observation.

2015 Texas Department of Agriculture Disaster Relief Fund Improvements

Wells, Texas

After heavy rains fell in May of 2015, the City of Wells suffered from disastrous drainage issues. The Texas Department of Agriculture (TDA) created relief funds to help cover the cost of drainage infrastructure improvements in towns like Wells. The scope of the project included spot repairs and a two-course surface treatment of approximately 2,120 linear feet of street. We also installed double culverts with headwalls, regraded approximately 5,175 linear feet of ditch and all associated appurtenances.

Before design began, we conducted in-house field surveys to determine the elevations needed to set the culverts and ditch graves to the correct vertical alignment. During design, the issue of constructability was paramount. While several roads were under construction, all but one remained in operation throughout the entire construction process. In one critical area, traffic was detoured to ensure the safety of motorists.

Since the repairs were completed, the City of Wells has been able to withstand significant rain events—making it a safer place for residents and visitors alike.

Beech Street Culvert Replacement

Woodville, Texas

The project consists of design and construction administration services for the replacement of an existing 54-inch diameter HDPE culvert under Beech Street. Project includes removal of said culvert. Install new drainage structure, remove excess waste excavation, provide select material as embankment, provide new base and HMAC pavement over proposed culvert.

Temple Ditch Drainage Study

Clute, Texas

KSA was hired by the City of Clute to identify practical construction projects to improve drainage conditions in the problem areas along Temple Ditch upstream of West Plantation. The study defined improvement options like culvert replacement, channel widening or detention ponds, and determined how to spend available Hurricane Ike 2.2 grant money effectively for the City of Clute.

Disaster Relief Grant Project - Drainage System Improvements

Hughes Springs, Texas

KSA was hired by the City of Hughes Springs to construct drainage system improvements, including a 24-inch concrete headwall with parallel wing walls at the northeast corner of the Vance/Pecan Intersection; removal and re-installation of approximately 28 linear feet of 60-inch RCP with headwalls and parallel wing walls on Shari Drive; replacement of an existing drainage structure with approximately 90 linear feet of 36-inch RCP with concrete headwall and parallel wings on Mustang Boulevard; replacement of existing drainage with approximately 45 linear feet of 24-inch and 60 linear feet of 48-inch RCP with associated headwalls on Frazier Street; and replacement of an existing drainage structure with approximately 24 linear feet of 48-inch RCP with associated headwall on Bluebonnet Street.



Streets & Drainage Experience

- Cherokee Water Company - Lake Cherokee Road Reconstruction
- Cherokee Water Company - Quality Audit Guideline Procedures for Road Pavement
- City of Bonham - Bonham 2012 TCDBG Street Improvements
- City of Castroville - Amelia Street Drainage
- City of Chandler - Deerbrook Addition Streets
- City of Chico - 2012 Paving Improvements
- City of Clarendon - Street Reconstruction and Rehabilitation
- City of Clarendon - Third Street Improvements
- City of Como - Disaster Recovery Improvements
- City of Coolidge - Safe Routes to School Project Construct Sidewalk in and around Existing School Property
- City of Crockett - 2011/2012 TxCDBG - Pease Street Interceptor – Phase II
- City of Diboll - 2012 Bond Street Improvements Phase II
- City of Diboll - 2012 TCDP Hendrick Street Improvements
- City of Diboll - Hurricane Ike Recovery Round 2.2 ORCA Hendrix Street Reconstruction
- City of Diboll - Lumberjack Drive Street and Drainage Improvements
- City of Diboll - North Hendricks Street Improvements TxCDBG 2010
- City of Diboll - Rosebud, Main, Willow Oak Lane, and Red Oak Lane
- City of Diboll - TCDP Engineering Services
- City of Easton - Dovee and Whitney Jo Street Improvements
- City of Easton - Hurricane Ike Round 2 Phase 1, Street and Drainage Improvements
- City of Elkhart - Hurricane Ike Round 2 - Drainage Improvements
- City of Fairfield - 2011 Street Improvements
- City of Fairfield - 2012 Street Improvements
- City of Fairfield - 2013 Street Improvements
- City of Fairfield - Old Mexia Road and Williford Street Improvements
- City of Fairfield - Street Improvements Phase II
- City of Gladewater - 2011 Texas Capital Fund Sidewalk Improvements - Main Street
- City of Gladewater - East Lake Road Pavement Study
- City of Grand Prairie - Main Street Sidewalk and Parking Improvements
- City of Grand Prairie - Tarrant Road at Arbor Creek - Paving, Drainage and Utility Improvements
- City of Grand Prairie - Waterwood Drive Extension at Central Park
- City of Grand Prairie - Waterwood Drive Extension at The EPIC
- City of Grand Saline - 2011-2012 TxCDBG Street Paving and Construction
- City of Grand Saline - Waldrip Street Improvements Phase 2
- City of Grapeland - 2012 Bond Street Improvement
- City of Grapeland - 2012 Bond Street Improvements - Phase II
- City of Groveton - 2015 TDA Disaster Relief Street Repairs
- City of Groveton - Hurricane Ike Recover Round 2.2 ORCA Public Housing Sidewalk and Access
- City of Hamilton - East Ross and North Pecan Street Reconstruction
- City of Hamilton - West Little Street Reconstruction
- City of Hawk Cove - 2011 TxCDBG Street Project
- City of Hondo - Carter Avenue Phase 1 Extension
- City of Hondo - Carter Avenue Reconstruction Arnold to Castro
- City of Hondo - Carter Avenue Traffic Count & Pavement Design
- City of Hondo - Drainage Project at 14th Street and Avenue U
- City of Hondo - Intersection Improvements at Carter and Castro
- City of Huntington - 2014 Street Improvements
- City of Jacksboro - City of Jacksboro Pine Street 10” Water Main Project

...continued from previous page

- City of Kilgore - Commerce Street Improvements
- City of Kountze - Hurricane Ike Recovery 2.2 ORCA
- City of La Marque - Street Reconstruction Evaluation
- City of Ladonia - TXCDBG W. Bonham & East Side Paris Streets Reconstruction
- City of Latexo - 2011 TxCDBG Street Project
- City of Leander - TxCDBG Sidewalk - Bagdad Road Extension from Walgreen's to Los Vista Drive
- City of Lindale - Skilled Nursing Facility Street Improvements
- City of Lone Star - Byrne Street Utility Improvements
- City of Longview - 2013 Bridge and Culvert Improvements at Pliler Precise Road and Ray Creek
- City of Longview - Bridge and Culvert Improvements
- City of Longview - Downtown Street Reconstruction Center Street from Cotton to Whaley
- City of Longview - Downtown Street Reconstruction Green Street from Cotton to Whaley
- City of Longview - Downtown Street Reconstruction Methvin Street from High to Green
- City of Longview - Green Street Reconstruction 2011
- City of Lufkin - 2013 CIP Street Improvements - North Brentwood
- City of Lufkin - Sayers Street Reconstruction
- City of McKinney - Oak Street Reconstruction
- City of Mexia - 2014 Street Improvements
- City of Mineola - Mineola- Shady Lane Street Reconstruction (Tx Capital Fund)
- City of Mineola - Street Improvements - TxCDBG
- City of Morgan's Point - Asphalt Overlay of Streets
- City of Mount Pleasant - Northwest 12 Phase 1 Improvements
- City of Mount Pleasant - Old NW 12 - Phase 2 Design
- City of Naples - 2011 TxCDBG Disaster Relief Drainage Improvements
- City of Naples - Citywide Street Evaluation Study
- City of Newark - Southside Paving and Drainage Improvements
- City of Onalaska - 2013-2014 TxCDBG Street Improvements
- City of Onalaska - Hurricane Ike Recovery Round 2.2 ORCA Beaumont Street Rehabilitation
- City of Pilot Point - Year 2012 Miscellaneous Street Improvements
- City of Pineland - Maple Street Rehabilitation
- City of Sachse - Haverhill Lane Reconstruction
- City of San Angelo - Martin Luther King Dr. Reconstruction
- City of Selma - Capri, Rhodius, Albrecht Road Improvements
- City of Selma - Deephaven Drive-Yellow Bark Boulevard Reconstruction
- City of Selma - Live Oak Hills Subdivision - Drainage Improvements
- City of Selma - Lookout Road Schematic Phase
- City of Selma - Park Estates Subdivision - Areas 5 & 6
- City of Selma - York and Glen Drainage
- City of Seven Points - Quiram Road Improvements
- City of Southmayd - Reconstruction of Christi Drive
- City of Tenaha - 2011 TxCDBG Berry Street, Pine Street, and Washington Street Reconstruction
- City of Tenaha - Martin Luther King Street Improvement
- City of Tulia - Assessment of City Streets
- City of Tulia - Study of Fannin Street Improvements
- City of Tyler - Golden Road Park Parking Lots
- City of Webster - Cost Estimate for Packer Ct. Reconstruction
- City of Webster - Packer Court Reconstruction
- City of Winnsboro - Street and Drainage Improvements
- Eastman Chemical Company - Concrete Road Repair Study
- Fairfield Industrial Development Corporation - Industrial Drive 2012 Paving and Drainage Improvements
- Fairfield Industrial Development Corporation - Street Improvements Phase II
- Fugro Roadware, Inc. - Pavement Evaluation
- Groesbeck Economic Development Corporation - Industrial Park Infrastructure Improvements - USDA
- Irion County - Project Engineering various road projects
- Kilgore Economic Development Corporation - Paluxy Drive Reconstruction
- Morris County - CDBG Street Improvements
- North Texas Municipal Water District - Landfill Entrance Drive Reconstruction
- North Texas Municipal Water District - Melissa Landfill 121 RDF Pavement Improvements
- Oldham County - County Road Improvements
- Quitman Development Corporation - Design Services for New Quitman DC Retail and Commercial Roadway
- Red River Waterway Commission - Headquarters Asphalt Rehabilitation
- Robert Ham - Arrowhead Unit 8 Paving & Drainage Improvements
- Sulphur Springs/Hopkins County Economic Development Corporation - Aluf Plastics Stormwater Handling
- Tom Green County - North Grape Creek Road Reconstruction-TIF Program
- Van Zandt County - Pavement Assessment of 1100 miles of Van Zandt CO Roads
- Village of Dubach - Street Improvements FY 2014/2015 LCDBG

Federally Funded Experience

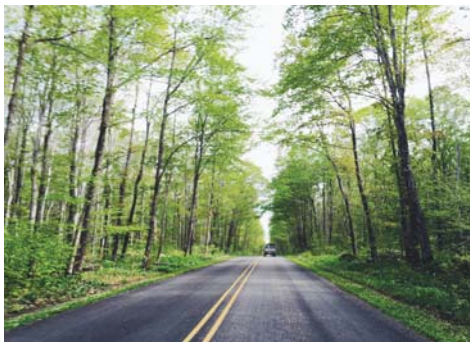
- City of Arp - TxCDBG Infrastructure Improvements
- City of Beckville - TCDP Reverse Osmosis System
- City of Beckville - TCDP Secondary Booster Pump Station Improvements
- City of Bogata - TCDP Sewer Improvements
- City of Bogata - TCDP Water & Wastewater System Improvements
- City of Bonham - Bonham 2012 TCDBG Street Improvements
- City of Buffalo - TCDP Sewer Improvements
- City of Buffalo - TCDP Sewer System Improvements
- City of Bullard - TCDP Project for waterlines
- City of Carthage - Wastewater Collection System Improvements
- City of Chandler - TCDP Sewer Lines
- City of Clifton - 2013/2014 TxCDBG Elevated Tank Recoating and Water Study
- City of Clute - 2012 TxCDBG Water System Improvements
- City of Como - 2010-2011 TxCDBG Wastewater Treatment Plant and Lift Station Project
- City of Como - TCDP Wastewater System Improvements
- City of Coolidge - TCDP Sanitary Sewer Collection System
- City of Coolidge - TCDP Water System Improvements
- City of Coolidge - TxCDBG Wastewater Treatment Plant Improvements (TCDP)
- City of Coolidge - TxCDBG Wastewater Treatment Plant Renovations
- City of Crandall - TCDP Grant Project Application for Water Lines
- City of Crandall - TCDP Sewer Line Replacements
- City of Crockett - 2011/2012 TxCDBG - Pease Street Interceptor – Phase II
- City of Crockett - TCDP Sewer Improvements
- City of Crockett - TCDP Young vs. Martinez: Street and Utility Improvements
- City of Crockett - TxCDBG Peace Street Interceptor
- City of Dawson - 2011-2012 TxCDBG Water System Improvements (TCDP)
- City of Dawson - TCDP New Clarifier Installation for WWTP
- City of Dawson - TCDP Wastewater Collection and Processing Services
- City of Dawson - TxCDBG Water System Improvements
- City of Diboll - 2012 TCDP Hendrick Street Improvements
- City of Diboll - North Hendricks Street Improvements TxCDBG 2010
- City of Diboll - TCDP Engineering Services
- City of Diboll - TCDP Sewer System Improvements
- City of Diboll - TCDP Water and Sewer Improvements Copestown Addition
- City of Easton - Dovee and Whitney Jo Street Improvements
- City of Easton - TxCDBG Park Design (TCDP)
- City of Edna - 2014 CDBG for Sanitary Sewer Improvements
- City of Elkhart - Wastewater System Non-Compliance Response
- City of Elkhart - Water System Improvements
- City of Fairfield - Moody Street Reconstruction
- City of Gladewater - 2010/2011 TxCDBG Sewer Improvements
- City of Gladewater - TCDP Hwy 80 Water Line Improvements
- City of Gladewater - TCDP Sewer Improvements
- City of Gladewater - TCDP Water System Improvements
- City of Gladewater - TCDP Water System Improvements
- City of Goodlow - 2010/2011 TxCDBG Water System Improvements
- City of Goodlow - Rehabilitation of Existing Pond Wastewater Treatment Plant - Replace Circulation Piping, Pump Station, Dewater Lagoons
- City of Goodlow - Wastewater Treatment Plant Flood Protection
- City of Grand Saline - 2011-2012 TxCDBG Street Paving and Construction
- City of Grand Saline - Water Well No. 2 Replacement
- City of Groesbeck - 2012 TxCDBG Clarifier and Aeration Basin Improvements
- City of Groesbeck - Surface Water Treatment - GST Modifications
- City of Groesbeck - TxCDBG Wastewater System Improvements
- City of Groveton - 2009 TxCDBG Water System Improvements
- City of Groveton - 2015 TDA Disaster Relief Street Repairs
- City of Groveton - Chlorination Facilities and 12” Sewer Main
- City of Hawk Cove - 2011 TxCDBG Street Project
- City of Hawk Cove - Wastewater Collection System Analysis
- City of Hawkins - TCDP Sewer System Improvements
- City of Hawkins - Water Well #9
- City of Hempstead - 2011-2012 TxCDBG Sewer System Improvements
- City of Hempstead - Engineering Services for TxCDBG Wastewater Collection System Improvements
- City of Hempstead - TCDP Gravity Sanitary Sewers
- City of Hico - 2011-2012 TxCDBG Water Distribution System Improvements
- City of Hico - TxCDBG Project for Sewer and Wastewater Improvements
- City of Hondo - 2010/2011 TxCDBG Sewer Improvements
- City of Hondo - TCDP Sewer System Improvements
- City of Hondo - TxCDBG Sanitary Sewer System Improvements
- City of Hubbard - TxCDBG Water System Improvements
- City of Hughes Springs - TCDP Sewer System Improvements
- City of Hughes Springs - TxCDBG Water System Improvements (TCDP)
- City of Huntington - 2013-2014 TxCDBG Wastewater Treatment Plant Improvements

...federally funded experience continued from previous page

- City of Italy - 2013-2014 TxCDBG Harris, Williams, and Hardeman Waterline Improvements
- City of Jacksboro - TxCDBG Wastewater System Improvements-Force Main Replacement
- City of Jefferson - TxCDBG Wastewater Treatment Plant Improvements
- City of Jewett - TCDP Water System Improvements
- City of Joaquin - TCDP Elevated Storage Tank
- City of Joaquin - TCDP Wastewater Collection System Improvements
- City of Joaquin - Wastewater Treatment Plant Expansion
- City of Kemp - TCDP 9th Street Water Line Replacement
- City of Kemp - TxCDBG Potable Water Line Replacement
- City of Kennard - New Ground Storage Tank TxCDBG
- City of Kilgore - TCDP Water Imp. Nolan, Elder, Ross, Riverside & Flourey Streets
- City of Kilgore - TCDP Water System Improvements
- City of Kountze - 2013-2014 TxCDBG Wastewater Treatment Plant Improvements
- City of Kountze - Elevated Storage Tank
- City of Kountze - TCDP Sewer System Improvements
- City of Kountze - TxCDBG Sewer Improvements
- City of La Marque - 2012 TXCDBG Sewer Improvements
- City of Ladonia - TxCDBG W. Bonham & East Side Paris Streets Reconstruction
- City of Lakeport - 2010-2011 TxCDBG Wastewater Collection System Improvements
- City of Lakeport - TCDP Wastewater Collection System Improvements
- City of Latexo - 2011 TxCDBG Street Project
- City of Leander - TxCDBG Sidewalk - Bagdad Road Extension from Walgreen's to Los Vista Drive
- City of Lindale - Highway 16 West Sewer System Improvements
- City of Lindale - Water and Sewer Improvements
- City of Lindale - Water System Improvements
- City of Lone Star - Byrne Street Utility Improvements
- City of Lone Star - TCDP Wastewater Collection System Improvements
- City of Lone Star - TCDP Water & Sewer System Improvements
- City of Lorenzo - TxCDBG Water Line Improvements
- City of Mabank - 2015-2016 TCDP Utility Improvements
- City of Mabank - TCDP Wastewater Treatment Plant Improvements
- City of Malakoff - 2013-2014 TCDP Wastewater Treatment Plant Improvements
- City of Marlin - Comprehensive Planning
- City of Marlin - TCDP - Wastewater Treatment Plant Improvements
- City of Marlin - TxCDBG Sanitary Sewer Improvements
- City of Marquez - Elevated Tank Replacement
- City of Mexia - TCDP Generators for Water Pumping Facilities
- City of Mexia - TCDP Sewer
- City of Mexia - TCDP Sewer Improvements
- City of Mexia - TxCDBG Grayson Street Elevated Storage Tank Rehabilitation
- City of Mineola - McWhorter Street STEP Sewer Improvements
- City of Mineola - Southwest Mineola Utility Improvements
- City of Mineola - Street Improvements - TxCDBG
- City of Mount Calm - CDBG Sewer System Improvements
- City of Mount Calm - Comprehensive Plan
- City of Mount Calm - TCDP Sewage Collection Improvements
- City of Mount Vernon - TxCDBG Water System Improvements
- City of Naples - 2011 TxCDBG Disaster Relief Drainage Improvements
- City of Naples - TCDP Wastewater Collection System Improvements
- City of New Summerfield - TCDP Water Line Replacements
- City of New Summerfield - TCDP Water Lines
- City of New Summerfield - Wastewater Treatment Plant Improvements - Lagoon Erosion Control TxCDBG
- City of New Waverly - New Waverly Wastewater Treatment Plant No.1 Sewer Line Replacement
- City of New Waverly - Sewer Line Replacement and Painting of 100,000 and 50,000 Gallon Elevated Storage Tanks
- City of New Waverly - Wastewater Treatment Plant No. 1 Improvements
- City of New Waverly - Wastewater Treatment Plant Permit Renewals for Two WWTPs
- City of Normangee - TCDP Wastewater Treatment Plant Improvements
- City of Normangee - TCDP Water System Improvements
- City of Omaha - TCDP Wastewater Treatment Plant Improvements
- City of Omaha - TxCDBG Water System Improvements
- City of Onalaska - 2013-2014 TxCDBG Street Improvements
- City of Onalaska - TCDP Sewer Improvements
- City of Onalaska - TCDP Sewer Improvements-Sewer Line, Force Main
- City of Onalaska - TCDP Sewer Improvements-Sewer Line, Manholes & Clean Out
- City of Overton - 2010/2011 TxCDBG Wastewater System Improvements
- City of Overton - Wastewater Treatment Plant Improvements
- City of Pineland - 2013-2014 TxCDBG Street Improvements
- City of Pineland - New Water Well
- City of Pineland - TxCDBG Sewer System Improvements
- City of Pittsburg - TCDP Pipe Bursting Phase 2
- City of Pittsburg - TCDP Project: Sewer Pipe Bursting
- City of Pittsburg - TCDP Water & Sewer Improvements

...federally funded experience continued from previous page

- City of Pittsburg - TCDP-Cypress Street Sewer Line Replacement
- City of Plains - New Municipal Water Wells
- City of Plainview - 2011-2012 TxCDBG Application Water/ Wastewater
- City of Quinlan - TCDP Sewer System Improvements
- City of Quinlan - TCDP Wastewater Treatment System Improvements
- City of Reno (Parker County) - TCDP Water System Improvements (ORCA)
- City of Richland - TCDP & Rural Development Sewerage Facilities
- City of Rockdale - 2011/2012 TxCDBG Water System Improvements
- City of Rockdale - 2013/2014 TxCDBG Wastewater System Improvements
- City of Rockdale - TCDP Sewer System Improvements
- City of Rockdale - TxCDBG Sewer Imp. Mill Street to Offield Road & Trunk Line to WWTP
- City of Rusk - Elevated Water Storage Tank
- City of Rusk - TCDP Grant Contract
- City of San Augustine - Water Treatment Plant Building
- City of Seven Points - Quiram Road Improvements
- City of Seven Points - Street Improvements-TxCDBG Grant
- City of Southmayd - Reconstruction of Christi Drive
- City of Streetman - Community Enhancement Grant
- City of Sulphur Springs - TCDP ROW Map for SH 11 Extension
- City of Talco - TCDP Water Tower Rehab and Sanitary Sewer Line Rehab
- City of Talco - TxCDBG Water System Improvements
- City of Tatum - TCDP New 150 gpm Water Well No. 1
- City of Tatum - TCDP System Improvements
- City of Tatum - TxCDBG Wastewater Collection System Improvements
- City of Teague - Water Well TDHCA Project
- City of Tenaha - 2011 TxCDBG Berry Street, Pine Street, and Washington Street Reconstruction
- City of Tenaha - TCDP Chlorination Building and Site Improvements
- City of Tenaha - TCDP Wastewater Collection System Improvements
- City of Tenaha - TCDP Wastewater System Improvements
- City of Tenaha - TCDP Water System Improvements
- City of Wells - 2015 TDA Disaster Relief Fund
- City of Winfield - TxCDBG Water System Improvements (TCDP)
- City of Winnsboro - Street and Drainage Improvements
- City of Winona - TxCDBG Water System Improvements
- City of Woodville - Gib Lewis Prison Unit Elevated Tank Rehabilitation
- City of Woodville - TCDP Highway 190 Standpipe
- City of Woodville - TCDP Sims Street Ground Storage Tank Improvements
- City of Woodville - Woodway Subdivision Infrastructure
- City of Wortham - TCDP Sewer Collection System Improvements
- City of Wortham - TCDP Water & Sewer Improvements
- Flo Community Water Supply Corporation - TCDP Water System Improvements
- GrantWorks, Inc. - Comprehensive Plan for City of Hughes Springs, Texas
- GrantWorks, Inc. - Comprehensive Plan for City of Lone Star, Texas
- Leon County - Concord Robbins WSC TCDP Elevated Tank
- Shelby County Courthouse - Tennessee Water Supply Corporation
- Sledge Engineering - City of Jarrell TxCDBG Sewer System Improvements - Lift Station and Sewer Line
- Town of Windom - TxCDBG Wastewater Treatment Plant Improvements
- Town of Windom - TxCDBG Water Storage Tank and Pumping Improvements


Local Experience

- Angelina Neches River Authority (ANRA) - 2014 CWSRF IUP Redland Estates and District Sewer Improvements
- Angelina Neches River Authority (ANRA) - NAC RWF Collection System Construction Phase
- Angelina Neches River Authority (ANRA) - Rivercrest WWTP & Collection System Preliminary Engineering Feasibility Report
- Center Economic Development Corporation - EDC Site Evaluation for 22.806 Acre Tract Located at NE Corner of State Highway 7 and Loop 500
- Center Economic Development Corporation - Virtual Speculative Buildings Estimate
- Center Municipal Airport - 2015 Airport Improvement Project
- Center Municipal Airport - Taxiway D Reconstruction & R-W 17-35 Rehabilitation
- City of Center - Center Municipal Airport Preparation of CIP and Land Use Plan
- City of Cleveland - Junction Street Traffic Control Improvements
- City of Cleveland - Traffic Analysis for Residential Area
- City of Diboll - 2012 Bond Street Improvements Phase II
- City of Diboll - 2012 TCDP Hendrick Street Improvements
- City of Diboll - 2017-2018 TxCDBG Water Main Improvements
- City of Diboll - Arrington Road .75MG GST Rehabilitation
- City of Diboll - City Limits Annexation Description Agreement
- City of Diboll - Hurricane Ike Recovery Round 2.2 ORCA Hendrix Street Reconstruction
- City of Diboll - Lumberjack Drive Street and Drainage Improvements
- City of Diboll - TxCDBG North Hendricks Street Improvements
- City of Diboll - North Hwy 59 Sewer Extension
- City of Diboll - Northside Water System Improvements
- City of Diboll - Park Restroom Facility
- City of Diboll - Relief Route Utility Relocation
- City of Diboll - Sanitary Sewer Overflow Plan
- City of Goodrich - TxCDBG 50,000 Gallon Elevated Storage Tank Rehabilitation
- City of Goodrich - Wastewater Treatment Plant Evaluation 2011
- City of Groves - Cresent Drive Elevated Storage Tank
- City of Huntington - 2013-2014 TxCDBG Wastewater Treatment Plant Improvements
- City of Huntington - 2014 CWSRF WWTP Improvements
- City of Huntington - Safe Routes to School Plan
- City of Kountze - 2013-2014 TxCDBG Wastewater Treatment Plant Improvements
- City of Kountze - Hurricane Ike Recovery 2.2 ORCA
- City of Kountze - Hurricane Shelter
- City of Livingston - 5 Year Update to Water Conservation Plan and Drought Contingency Plan
- City of Lufkin - 2012 State Transportation Enhancement Program - MLK and Sayers Sidewalk
- City of Lufkin - 2013 CIP Street Improvements - North Brentwood
- City of Lufkin - Emergency Action Plan - Dam Safety
- City of Lufkin - Sayers Street Reconstruction
- City of Lufkin - Statewide Transportation Enhancement Project
- City of Lufkin - US 59 Diboll Relief Route Utility Relocations
- City of Nacogdoches - 2016 Martinsville EST & Beulahland EST Rehabilitation
- City of Nacogdoches - 3 MG GST Improvements - SW Pump Station
- City of Nacogdoches - Central Heights Phase 2 Water Line Improvements
- City of Nacogdoches - Central Heights Water Line Replacement
- City of Nacogdoches - City of Nacogdoches Hurricane Dolly/ Ike Round 2
- City of Nacogdoches - Game & Security Fencing - Mangham Airport (1711NACOG)
- City of Nacogdoches - Ground Water Utilization Study
- City of Nacogdoches - Moore Tank Paint Inspection
- City of Nacogdoches - Safe Routes to School Plan
- City of Nacogdoches - South US Highway Utility Relocations
- City of Nacogdoches - TxCDBG 2017 RLF Closeout Projects
- City of Nacogdoches - US 59 Direct Connect Utility Relocation Survey
- City of Nacogdoches - Wastewater Treatment Plant Bar Screen Improvements
- City of Nacogdoches - Water Distribution Model Update
- City of Nacogdoches - Water Well No. 8 Rehabilitation
- City of Nacogdoches - WWTP Grit Chain Replacement
- City of Onalaska - 2013-2014 TxCDBG Street Improvements
- City of Onalaska - Hurricane Ike Recovery Round 2.2 ORCA Beaumont Street Rehabilitation
- City of Pineland - 2013-2014 TxCDBG Street Improvements
- City of Pineland - 2017-18 TxCDBG Street Improvements
- City of Pineland - 5-year Update to Drought Contingency Plan
- City of Pineland - Facility Assessment and Planning Study for the Pineland Housing Authority

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- City of Pineland - Hurricane Ike Recovery Round 2.2 ORCA - Generators at LS, Street Imp Cheatam & Haywood, and Generators at Police Station
- City of Pineland - Maple Street Rehabilitation
- **City of San Augustine - 2018-2019 TxCDBG Sidewalk Improvements**
- **City of San Augustine - New 200,000 and 500,000 Gallon Ground Storage Tanks**
- **City of San Augustine - Treatment Plant Building Installation TxCDBG**
- **City of San Augustine - USDA Wastewater Collection and Treatment System Improvements**
- **City of San Augustine - Wastewater Treatment Plant Preliminary Engineering Report**
- City of Tenaha - 2011 TxCDBG Berry Street, Pine Street, and Washington Street Reconstruction
- City of Tenaha - Martin Luther King Street Improvements
- City of Woodville - 2015-2016 GLO CDBG-DR Street Reconstruction
- City of Woodville - 2019-2020 TxCDBG Wastewater Screen Replacement
- City of Woodville - Beech Street Culvert Replacement
- Cleveland Municipal Airport - Airport Pavement Reconstruction and Rehabilitation
- Deep East Texas Council of Governments - Jasper Building - Metal Roof Retrofit
- Hardin County - Hurricane Ike Round 2.2 ORCA
- Liberty Municipal Airport - 2011 Airport Improvements
- Newton Municipal Airport - Rehabilitate and Mark Pavements
- Panola County FWD No. 1 - Bid Phase – Engineered Steel Building
- Redland Water Supply Corporation - Highway 59 Utility Relocation
- Redland Water Supply Corporation - Water Distribution Modeling
- San Augustine County - Rehabilitate Pavements, Extend RW 17-35 400-feet & Extend MIRL
- Shelby County - 2017-2018 TxCDBG GroundwaterTreatment Plant Chemical Feed Facilities
- Texas General Land Office - Hurricane Ike Recovery #1 - ORCA - 2008 Supplemental Disaster Recovery Fund Project-Diboll
- Texas General Land Office - Hurricane Ike Recovery No. 1-ORCA - 2008 Supplemental Disaster Recovery Fund Project Woodway Subdivision Sewer System Replacement
- Texas General Land Office - Hurricane Ike Recovery Number 1 - ORCA - 2008 Supplemental Disaster Recovery Fund Project - Generators for Water Wells, Sewer Plant & Lift Stations-Nacogdoches
- Texas General Land Office - Hurricane Recovery Round 2.1
- Texas General Land Office - Kountze Hurricane Ike Recovery No. 1 - ORCA - 2008 Supplemental Disaster Recovery Fund Project WWTP Replace Aerator Control Panels-Kountze
- Texas General Land Office - Tenaha Hurricane Ike Recovery No. 1 ORCA - 2008 Supplemental Disaster Recovery Fund Project - Emergency Generators-Tenaha

PROJECT MANAGEMENT

KSA's project managers utilize standard project management techniques derived from the requirements of the Project Management Institute (PMI). The PMI certification program is accredited by the American National Standard Institute (ANSI) against the International Organization for Standardization (ISO) 17024, which provides a standardized method to evaluate project managers and establishes industry standard project management techniques. By following this standard, KSA utilizes verifiable and repeatable procedures for successful project management.

KSA begins every project by working closely with the Client to develop a project charter. A Capital Improvements Plan typically has a basic statement of work and budget. However, when we begin a project, we further develop the project scope to include milestone summaries, initial stakeholder identification, success criteria, project objectives, and high-level project risks. The project charter becomes a tool for both KSA and the client during contract negotiation to assure reasonable and achievable expectations. From the project charter, the project manager is able to identify the engineering specialties that must be included in the project. Key engineering professionals are selected from the project organization chart and our preselected sub consultants based on project specific expertise. These engineers, when combined with client staff, form the core of the project team and will work together to develop a detailed work breakdown structure, identify other team members needed to complete the work, and integrate them into the project team. The team will continue to develop a detailed work schedule and budget.

The schedule and budget become a formal part of the project record and may only be changed through formal action of the project team. KSA is organized as a balanced, functional matrix where our project managers are also direct managers for local staff and project-specific managers for staff from other KSA offices. Resource evaluation and allocation is a continual process throughout the life of the project. The project manager is constantly evaluating team performance with regard to schedule, cost and quality. Modifications to allocated resources are made to assure compliance with milestones.

We believe that communication is key to project success and the client's satisfaction with KSA's service. Therefore, we strive for near constant communication with critical project stakeholders. At a minimum, the project manager will provide the client with formal monthly progress reports scheduled to allow integration into meeting agenda packets. Key project milestones such as completion of preliminary or final design, or realization of significant external factors that impact schedule or budget would also trigger specific and formal reports to the client.

KSA utilizes one team from design through construction. KSA's project manager is in charge of all project efforts regardless of project phase and provides accountability for the team's performance.

CONSTRUCTION ADMINISTRATION/MANAGEMENT

KSA often administers construction for our design projects. We work diligently with the client and contractor during construction to limit change orders and assure that any proposed changes provide a useful benefit to our client. We also foster a team environment between the client, KSA, and the contractor. This collaboration allows value engineering propositions from the contractor to be evaluated and it is not uncommon for our projects to complete at or slightly below the bid amount.

Quality Assurance/Quality Control

At KSA, our commitment to the production of quality work is non-negotiable. We understand the value of complete and accurate deliverables. In an effort to continuously heighten the quality of our work, we implemented a refresh of our existing quality review program that includes a system of independent peer quality reviews.

Our project managers are responsible for obtaining a peer quality review from individuals who are not associated with the project team. The disassociation of the reviewers is critical because of their propensity for a fresh and unbiased perspective. With fresh eyes, these reviewers can see elements of the design the project team may be too close to realize objectively. This review philosophy has refined the value of our deliverables, which consist of engineering reports, planning documents, preliminary engineering reports, plans, specifications, contract documents, plats, legal descriptions, renderings, conceptual drawings, master plans, and similar items. Peer reviewers are engaged early to establish a plan that involves a discussion of design basis, schedule for reviews, and the anticipated man hours. We are also careful to allow time for the implementation of the required changes.

When appropriate, KSA also performs contractual/legal reviews to ensure we are in compliance with each specific provision of funding source, permitting, and environmental requirements. At the request of a KSA senior executive or client, the project team will submit designs for an external review.

Ultimately, our goal is the production of technically accurate, constructible designs that meet the needs of our clients in a timely and cost-effective manner.

Schedule and Budget

KSA is very successful at complying with project baselines including schedules and budgets. Adherence to baselines is a function of proper planning. We consider budget and schedule early in the development of the project charter to assure that both are reasonable, adequate and meet the needs of the client. We properly plan our work based on the charter and apply sufficient manpower and resources to complete the work according to the agreed contract. Not every challenge can be anticipated during project planning. KSA's project managers have authority to implement procedures to regain a schedule should delays occur including allocating additional staff from our pool of over 140 employees. Once we agree upon a schedule, you may be assured that we will meet the required deadlines.

KSA builds review milestones into each design and production schedule. We use review milestones as the basis for critical path method scheduling of the project. Using the notice to proceed date, completion date and our estimated man hours, we develop slack and float projections for each task and milestone. Our project manager continually monitors progress and makes adjustments as necessary.

For each milestone, sufficient time is included for a thorough review by the next level manager and client staff as appropriate. Peer and independent reviews are also scheduled later during design of the project to minimize project costs while ensuring accurate deliverables.

KSA is well versed in the arena of disaster recovery and mitigation projects, having successfully completed numerous projects going back to the original GLO programs set up for the events surrounding hurricanes such as Rita, Ike, and Dolly.

KSA is currently working on numerous GLO CDBG-DR projects associated with the 2015 and 2016 flood events that resulted in a disaster declaration.

At KSA, we understand the importance of the project schedule and budget as well as the quality of the final product. You can be assured KSA and the staff assigned to your project are knowledgeable, experienced, responsive professionals who are effective communicators and will represent your interest. You can also be assured that coordination, exchange of information and quality control are critical issues for KSA and all will be addressed in our project approach.

As an illustration of our firm's qualifications and ability to undertake high quality work, the following provides our typical project approach we employ to ensure our client's preferences and standards are met:

SCOPING PHASE

1. Set up a formalized kickoff meeting with all stakeholders, to establish goals, communication methods, and expectations
2. Prepare maps, exhibits, and budget justifications for the proposed project for inclusion in the City's grant application.
3. Provide coordination and support to the project grant administrator for submission of the final grant application.

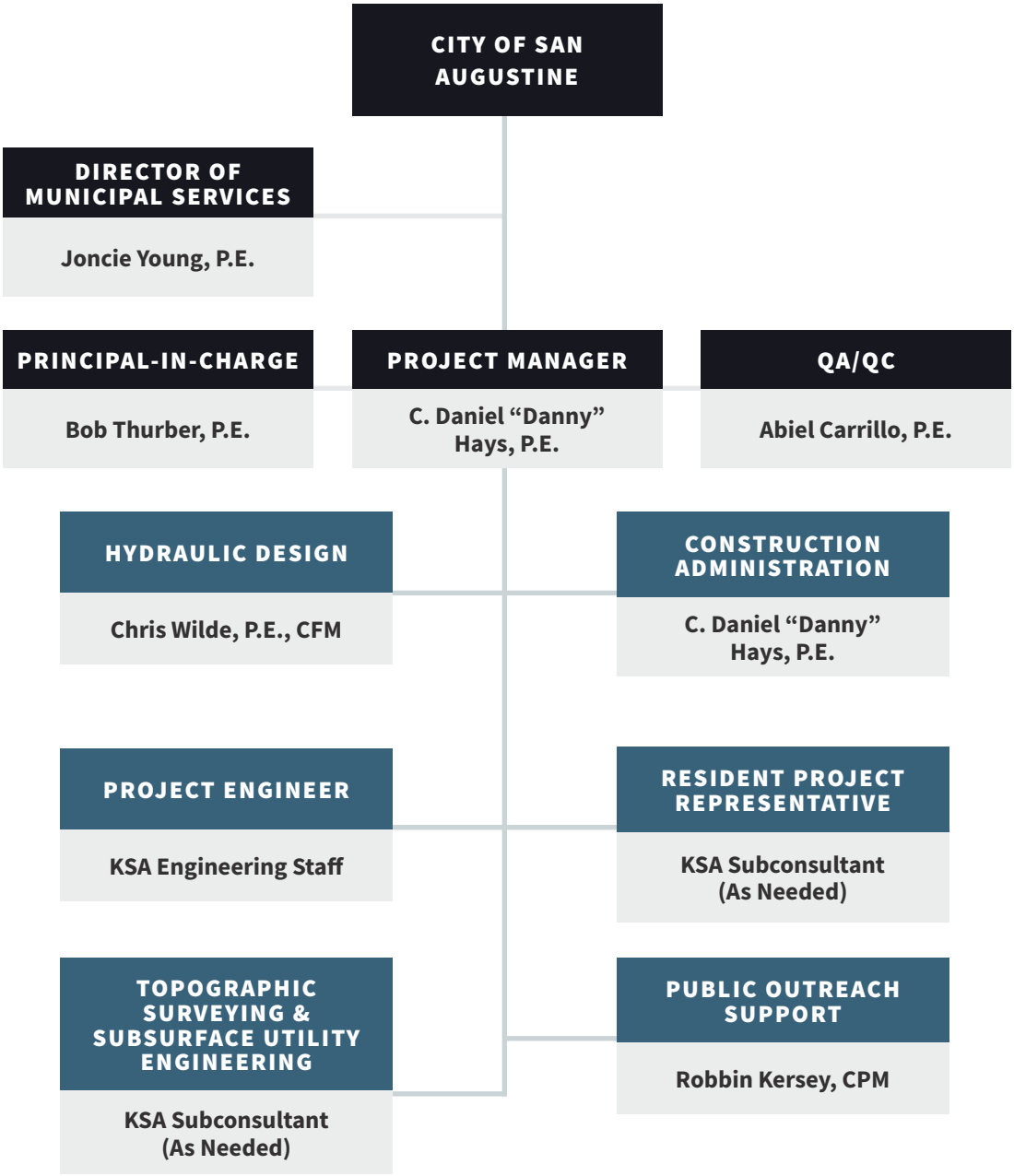
DESIGN PHASE

1. On the basis of approved scoping phase options, the project will be designed by the Engineer in accordance with the intent of the contract between the client and the Funding Agency.
2. Design the improvements in accordance with the requirements of local, State, and Federal regulations including depth of cover and separation from items such as sanitary sewer line and manholes.
3. Furnish the client, where applicable, with the engineering data necessary for applications for routine permits required by local, State, and Federal authorities (as distinguished from detailed applications and supporting documents for government grants, planning advances, environmental and cultural resources investigations or permits).
4. Prepare detailed contract drawings and specifications for construction.
5. Prepare detailed opinions of probable cost.
6. Meet with the city to review the plans and opinions of probable cost for comparison with the project budget and requirements of the project.
7. Furnish the client with plans, specifications, notice to bidders, and bidders' proposals.
8. Meet with the client to discuss comments and concerns regarding the preliminary submittal.
9. Make any necessary changes and complete detailed design.
10. Submit final design plans and specifications for a second review.
11. Meet with client staff to discuss comments and concerns regarding the preliminary submittal.
12. Prepare final sealed construction documents that incorporate any additional requested changes.

Our design team is well-versed in the various methods to take a project through construction. Below, however, is our typical approach to a design-bid method of construction.

BIDDING AND CONSTRUCTION PHASE

1. Assist the city in securing bids and attend the bid opening.
2. Prepare Bid Packet/Contract Documents.
3. Prepare actual advertisement/solicitation (to be placed by the city at a minimum, in a local newspaper of general circulation for two (2) consecutive weeks.
4. Incorporate wage rate modifications or supersedes via bid addendum (if applicable).
5. Hold bid opening (to be held at least 15 days from publication date of first advertisement).
6. Assist the city in the opening, tabulation and analysis of bids, and furnish recommendations on the award of contracts.
7. Assist in the engineering phases of the preparation of formal contract documents for the award of contracts.
   A. Accomplish construction Contractor eligibility verification.
   B. Facilitate approval of contract award by local governing body.
   C. Issue Notice to Proceed to construction Contractor.
   D. Issue Notice of Start of Construction (copy to Funding Agency).
8. Provide plans and specifications as required for the project.
9. Use Agency approved forms for instruction to bidders, general conditions, contract, bid bond, performance bond, and payment bond.
10. If requested, Engineer shall provide as required the services of a Resident Project Representative (RPR) at the site to assist Engineer in observation of the work. Based on information and data provided by the RPR to the Engineer, the Engineer shall endeavor to determine in general if such work is proceeding in accordance with the Contract Documents.
11. Consult with and advise the city during construction; issue to contractors all instructions requested by the city; and prepare routine change orders, if required, at no charge for engineering services to the city when the change order is required to correct errors or omissions by the Engineer; provide price analysis for change orders; process and submit change orders to the Funding Agency for approval prior to execution by the city.
12. Review submittals furnished by contractors for compliance with design concept and with information given in contract documents.
13. Based on the Engineer's on-site observations as an experienced and qualified design professional and on the Engineer's review of the Contractor's applications for payment, determine the amount owing to the Contractor.
14. Require that a ten percent (10%) retainage be withheld from all payments on construction contracts until final acceptance by the City and approval by the Funding Agency, unless State or local law provides otherwise.
15. Conduct, in company with the city's representatives, a final inspection of the project.
16. Revise contract drawings to show the work as actually constructed, and furnish record drawings to the city.



KSA has the ability to provide additional specialized services, such as geotechnical investigations, testing, and other services, through strong relationships with a network of subconsultants.

C. Daniel "Danny" Hays, P.E.

PROJECT MANAGER

EDUCATION
Bachelor of Science in Civil Engineering
Texas A&M University, 2001

PROFESSIONAL LICENSES + CERTIFICATIONS
Professional Engineer / TX #96630, 2005
TxCDBG Certified Administrator

PROFESSIONAL AFFILIATIONS
City of Lufkin Construction Board of Adjustments & Appeals

C. Daniel "Danny" Hays, P.E., a project manager at KSA, has almost 20 years experience planning designing, directing the design, and construction and maintenance of civil engineering projects. He has managed projects and prepared plans and specifications in the areas of pipeline design, sanitary sewer collection, municipal water distribution, street rehabilitation/ reconstruction, land planning and development, and urban hydrology. Danny has provided project management and design services on municipal projects involving water storage and pumping facilities as large as 85 MGD. Danny graduated from Texas A&M University with a Bachelor of Science in Civil Engineering in 2001. He volunteers at Libby Water Supply Corporation where he is currently the President and has been the Director at the Nacogdoches Area A&M Club where he is also the President.

His governmental experience includes project coordination with United States Department of Agriculture (USDA), Community Development Block Grants, Texas Water Development Board (TWDB), Texas Department of Transportation (TxDOT), U.S. Department of Housing and Urban Development (HUD), and Texas Department of Rural Affairs (TDRA). Project review and permitting has been coordinated through the Texas Commission on Environmental Quality, USEPA, Corps of Engineers and other Local, State and Federal Agencies.

Project Experience

- City of Clute - Hurricane Ike Disaster Recovery ORCA W/WW System Improvements
- City of Dawson - CDBG-DR Drainage System Rehabilitation
- City of Diboll - Relief Route Utility Relocation
- City of Groveton - Economically Disadvantaged Area Program Water Supply & Distribution Improvements
- City of Groveton - Water Well and Distribution Main
- City of Hubbard - CDBG-DR Street Reconstruction
- City of Hubbard - CDBG-DR Trimble Lift Station Improvements
- City of Lufkin - US 59 Diboll Relief Route Utility Relocations
- City of Lufkin - State Transportation Enhancement Program - MLK and Sayers Sidewalk
- City of Kennard - 2016 WWTP Permit Renewal
- City of Kountze - TxCDBG Wastewater Treatment Plant Improvements
- City of Mexia - TCDP Generators for Water Pumping Facilities
- City of Nacogdoches - TxCDBG 2017 RLF Closeout Projects
- City of Nacogdoches - Hurricane Dolly/Ike Round 2
- City of Nacogdoches - South US Highway Utility Relocations
- City of Nacogdoches - WWTP Grit Chain Replacement
- City of Normangee - CDBG-DR Street Improvements
- City of Onalaska - TxCDBG Street Improvements
- **City of San Augustine - Water Treatment Plant Building**
- **City of San Augustine - FEMA/ TDM Hurricane Harvey Road Repairs**
- **City of San Augustine - USDA WW Collection & Treatment System**
- City of Wells - TDA Disaster Relief Fund
- City of Woodville - GLO CDBG-DR Street Reconstruction
- City of Woodville - Beech Street Culvert Replacement
- City of Wortham - Water Distribution- Water Meter Replacement - Texas Water Development Board (TWDB)
- Houston County WCID #1 - H & H Analysis and EAP
- City of La Porte - Drainage Feasibility Study

Bob Thurber, P.E.

PRINCIPAL-IN-CHARGE

EDUCATION
Bachelor of Science in Civil Engineering
University of Arkansas, 1971

PROFESSIONAL LICENSES + CERTIFICATIONS
Professional Engineer / TX #44228, 1979;
OK #11746, 1979; LA #18565, 1980

PROFESSIONAL AFFILIATIONS
Consulting Engineers Council

Robert (Bob) Thurber, P.E., a senior project manager at KSA, has been with the firm since 1978. He is one of the two originating engineers of the firm. As a registered professional engineer with over 45 years of experience, Bob has extensive knowledge in a variety of projects that include water treatment, wastewater collection and treatment, pump stations, water transmission mains, large trunk sewer mains, roadway and drainage, and airports. He has completed over 1000 projects for KSA since its inception in 1978.

Bob has completed numerous comprehensive plans and feasibility studies for municipalities in central and east Texas including master planning efforts for collection systems, water distribution, treatment of water and wastewater, sewer system evaluation surveys, and has designed and expanded water treatment and wastewater treatment facilities.

In April of 2011, Bob was inducted into the Arkansas Academy of Civil Engineers.

Project Experience

- City of Coolidge - Safe Routes to School Project Construct Sidewalk in and around Existing School Property
- City of Crockett - TxCDBG - Pease Street Interceptor – Phase II
- City of Crockett - Downtown Revitalization
- City of Diboll - Bond Street Improvements Phase II
- City of Diboll - TCDP Hendrick Street Improvements
- City of Diboll - Hurricane Ike Recovery Round 2.2 ORCA Hendrix Street Reconstruction
- City of Diboll - Lumberjack Drive Street and Drainage Improvements
- City of Diboll - North Hendricks Street Improvements TxCDBG
- City of Diboll - Rosebud, Main, Willow Oak Lane, and Red Oak Lane
- City of Diboll - TCDP Engineering Services
- City of Fairfield - 2011, 2012 and 2013 Street Improvements
- City of Fairfield - Old Mexia Road and Williford Street Improvements
- City of Fairfield - Street Improvements Phase II
- City of Grapeland - Bond Street Improvement
- City of Groveton - TDA Disaster Relief Street Repairs
- City of Huntington - 2014 Street Improvements
- City of Latexo - 2017 - 2018 TxCDBG Street Project
- City of Lufkin - Sayers Street Reconstruction
- City of Lufkin - State Transportation Enhancement Program - MLK and Sayers Sidewalk
- City of Mexia - Street Improvements
- City of Onalaska - TxCDBG Street Improvements
- City of Pineland - Maple Street Rehabilitation
- Fairfield Economic Development Corporation - Industrial Park South Improvements
- Mexia Economic Development Corporation - EDA Street and Drainage Improvements

Joncie Young, P.E.

DIRECTOR OF MUNICIPAL SERVICES

EDUCATION
Master of Science in Environmental Health Engineering, University of Texas, 1974

Bachelor of Science in Civil Engineering University of Texas, 1973

PROFESSIONAL LICENSES + CERTIFICATIONS
Professional Engineer / TX #41827, 1977; AR #4345, 1977 OK #11747, 1979; LA #18501, 1979

PROFESSIONAL AFFILIATIONS
American Council of Engineering Companies of Texas
American Water Works Association

Joncie has been with the firm since 1978 and served as president from 1996 to 2015. Currently, Joncie is KSA's director of municipal services and has worked in the environmental engineering field for 40 years. For that time, the primary focus of his work has been water treatment and distribution along with wastewater collection and treatment. Joncie has worked on more than 150 water and wastewater projects, ranging from neighborhood utility replacement projects to the design and construction of 20 MGD water and wastewater treatment facilities. He is extremely familiar with state and federal regulations that set standards for the design and construction of such facilities and has served on committees responsible for updating design standards. He is also experienced in assisting clients with the planning of their proposed infrastructure improvement projects and works with numerous financial advisors to obtain necessary funding for construction. Regional planning for water and wastewater systems is also a specialty.

Project Experience

- City of Bonham - SRF Water Distribution System Improvements
- City of Canton - Elevated Storage Tank
- City of Crockett - Water Storage Tank Improvements
- City of Dodd City - WWTP Improvements
- City of Elkhart - Water Distribution System Analysis
- City of Grand Prairie - Water and Wastewater Improvements
- City of Groves - Cresent Drive Elevated Storage Tank
- City of Hawkins - Wastewater Collection System Rehabilitation
- City of Hawkins - WTP Expansion
- City of Hico - Water Distribution and Ground Storage Improvements
- City of Hondo - Water Distribution System Improvements
- City of Lindale - Creek Interceptor Sewer Line
- City of Lindsay - Wastewater System Improvements
- City of Lindsay - Water Distribution System Evaluation
- City of Longview - Greggton Lift Station Improvements for Study and Report Phase Services
- City of Nacogdoches - WWTP Bar Screen Improvements
- City of Olton - Water Well, Storage and Pumping Improvements
- City of Plains - Water Treatment Improvements
- City of Reno (Parker County) - Water Distribution System Evaluation
- City of Savoy - WWTP Improvements
- City of Springhill - WWTP Rehabilitation

Abiel Carrillo, P.E., CFM

QA/QC

EDUCATION
Bachelor of Science in Civil Engineering
New Mexico State University, 2004

PROFESSIONAL LICENSES + CERTIFICATIONS
Professional Engineer / TX #119407, 2017;
NM #19476, 2009

PROFESSIONAL AFFILIATIONS
Institute of Transportation Engineers
NM Floodplain Managers Association

With over 15 years of engineering experience, Abiel has established a well-rounded civil engineering foundation that includes both transportation and municipal design. He provided engineering solutions for small, New Mexico municipalities for 11 years before heading the hydrology section of the City of Albuquerque's planning department. There, he worked with developers to coordinate and review storm drain, flood control and city-wide capacity projects. Abiel has interacted with senators, state representatives, mayors, council members, tribal authorities and representatives of governor offices on behalf of, and alongside, many communities in New Mexico to secure grant funding for roadway improvements. During these elaborate efforts, Abiel successfully coordinated with governmental authorities while also educating the public about the need for proposed projects. Abiel has helped to facilitate the scoping, funding, design, construction management, public coordination and closeout of dozens of projects throughout his career.

Project Experience

- Bernalillo County, NM - Road and Drainage Improvements for Goff Boulevard
- City of Albuquerque, NM - Diversion Channel Pedestrian Bridge Deck Replacement
- City of Albuquerque, NM - Ventana & Piedras Marcadas Trail
- City of Alpine - Alpine Street Assessment and Improvement Plan
- City of Rio Ranch - Meadowlark Lane Road and Pedestrian Improvements
- City of Southlake - Creekside Drive Paving and Drainage
- City of Texico, NM - Texico Drainage Study
- City of Texico, NM - Hereford Ave Drainage Improvements
- City of Winnsboro - Post Oak Culvert Crossing
- Nambe Pueblo - NP 101 Road Drainage and Improvement Study
- Pueblo of Isleta - Tribal Road 2 Phase II - 5015
- Santa Fe County - Road 50A Road and Drainage Improvements
- Town of St. Paul - Existing Roads & Drainage Condition Analysis
- Valencia County - Manzano Expressway Roadway Reconstruction
- Village of Los Lunas - Carson Drive Phases 1 through 6
- Village of Los Lunas - MS4 SWMP & Drainage Masterplan Update
- Village of Magdalena - Magdalena Radio Read Water Meter Replacement
- Village of Tijeras - Camino Constancia Culvert Crossing Upgrade

Chris Wilde, P.E.

DRAINAGE ENGINEER

EDUCATION
Master of Civil Engineering, Water Resources, Texas A&M University, 2009

Bachelor of Science, Hydrology, Tarleton State University, 2007

PROFESSIONAL LICENSES + CERTIFICATIONS
Professional Engineer / TX# 111787, 2012

PROFESSIONAL AFFILIATIONS
Texas Floodplain Management Association (TFMA), Certified Floodplain Manager

Chris Wilde is an industrious young engineer who enjoys serving communities and helping them plan for the future. He specializes in hydrologic and hydraulic analysis and design. His work will include the following: detention ponds, storm sewer, water/wastewater utilities, culverts, dam modernizations, dam breach, stormwater master plans, site development, flood hazard studies, letters of map revision (LOMR) and conditional letters of map revision (CLOMR). He understands the critical role communication and coordination plays in the successful completion of a project and works hard to first understand his clients' needs, then develop innovative ways to solve their problems.

Chris joined KSA at the start of 2016 and brings with him a strong work ethic and a passion for the study of water, particularly as it relates to hydrology, hydraulics and conservation.

Project Experience

- City of Alpine - Alpine Street Assessment and Improvement Plan
- City of Amarillo - NE Carson County Wells 664 and 665 Pipeline and Well Appurtenances
- City of Brady - Influent Pump Replacement
- City of Brady - Nueva Drive, Simpson Street and Live Oak Street Water Line Improvements
- City of Brady - WWTP Sludge Pump Replacement
- City of Clute - Farrar and Luciana St Drainage Analysis
- City of Eldorado - Sidewalk Improvements - TAP
- City of Hempstead - 7th Street Drainage Analysis from Allen St to McDade
- City of Hico - 2017-2018 TxCDBG Sewer Improvements
- City of La Porte - Drainage Feasibility Study for HCFD
- City of Latexo - 2017-2018 TxCDBG Street Improvements
- City of McCamey - 2017-2018 TxCDBG Sewer System Improvements
- City of McCamey - WWTP Emergency Storage Pond Improvements
- City of Paris - 17th Street Improvements
- City of San Angelo - Martin Luther King Dr. Reconstruction
- City of San Angelo - Sanitary Sewer Feasibility Study
- City of Selma - Evans Road Reconstruction
- City of Stephenville - 2015 GLO CDBG-DR-Groesbeck Drainage System Improvements
- City of Texico, NM - Texico Drainage Study
- City of Tyler - Ashmore Unit 4 Emergency Drainage Improvements
- City of Winnsboro - Meadows and Knight Street Sidewalk
- City of Winnsboro - Post Oak Culvert Crossing
- Grand Prairie Municipal Airport - Airport Drainage Study
- Houston County WCID #1 - H & H Analysis and EAP
- Houston Southwest Airport - Drainage Study for South Post Oak Place
- Santa Fe Regional Airport - Airport Drainage Master Plan
- Weslaco Mid Valley Airport - Drainage Study

Robbin Kersey, CPM

PUBLIC OUTREACH LIAISON

EDUCATION
Liberal Arts, Salisbury University

PROFESSIONAL AFFILIATIONS
Construction Specifications Institute (CSI), President, Austin Chapter
Construction Specifications Institute (CSI), Board Member, South Central Region Chapter, Certified Professional Manager

Robbin has worked in and around the public domain her entire career, serving municipalities, regional and state associations. As a Community Liaison, Robbin's role is to comprehend what is happening throughout the development phases and translate those milestones and the decisions being made in a clear, concise and understandable manner. Robbin also strives to understand how public agencies work and is a graduate of the Fall 2019 Certified Public Manager certification through Texas State University. Robbin will serve as a sounding board for the city and it's staff throughout the project to ensure there are always clear lines of communication.

Robbin's goals through the community engagement process are to develop a proactive Public Involvement Plan, identify a range of stakeholders and build a comprehensive stakeholder database, provide early, often, and meaningful opportunities for public and stakeholder involvement and report back and describe how community input has shaped the project. She has great compassion for her clients and wants each person to feel that she has understood their needs and helped them accomplish their goals.

Her passion for people and creating quality projects goes back to working for a commercial developer in Houston. Robbin thoroughly enjoys meeting people, and her position with KSA allows her to interact with many people. While specializing in specification of Department of Transportation work, Robbin worked with KSA for many years. She's worked in technical specification for over 24 years. She is currently the Construction Specifications Institute (CSI) South Central Region President Elect and serves on the board of the South Central Region.

Perhaps the most important criteria for your selection team is KSA's reputation for excellence. We have worked diligently to build a reputation for completing our projects on time and within budget. These characteristics, coupled with high quality projects designed by service-oriented team members, set us apart when it comes to client satisfaction. The following list contains a few of KSA's most valued assets, our clients. We encourage you to contact these and others for an assessment of our performance on previous and ongoing projects. Additional references can be provided upon request.

John Angerstein, City Administrator
City of Crockett
200 North 5th Street
Crockett, Texas 75835
936.544.5156
angersteinj@crocketttexas.org

Honorable Byron Richards, Mayor
City of Groveton
115 West Front Street
Groveton, Texas 75845
936.642.1122
mayor1groveton@windstream.net

Roderick Hutto, City Administrator
City of Kountze
1025 N Pine Street
Kountze, Texas 77625
409.246.3463
rhkch@sbcglobal.net

Chuck Walker, P.E., Traffic Engineer
City of Lufkin
300 E Shepherd Avenue
Lufkin, Texas 75901
936.634.8881
cwalker@cityoflufkin.com

Honorable Kenneth Weeks, County Judge
Newton County
115 Court Street
Newton, Texas 75966
409.379.5691
newtoncountyjudge@co.newton.tx.us

Brian Schneider, City Administrator
City of Morgan's Point
510 Bayridge Road
Morgan's Point, Texas 77571
281.471.2171
bschneider@morganspoint-tx.com

Steve Bartlett, P.E., City Engineer
City of Nacogdoches
202 E Pilar Street
Nacogdoches, Texas 75961
936.559.2525
bartletts@ci.nacogdoches.tx.us

Mandy Risinger, City Administrator
City of Woodville
400 West Bluff Street
Woodville, Texas 75979
409.283.2234
mandy@woodville-tx.gov

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 05/21/2020

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

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

PRODUCER	CONTACT NAME: Vickie Hooker, ACSR, CISR	
GANS & SMITH INSURANCE AGENCY INC P.O Box 2869 Longview TX 75606	PHONE (A/C, No, Ext): (903) 757-4601	FAX (A/C, No): (903) 753-0782
	E-MAIL ADDRESS: vhooker@gans-smith.com	

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A :	Continental Casualty Co (CNA)	20443C
INSURER B :	Valley Forge Ins Co (CNA)	20508C
INSURER C :	Continental Insurance Company	35289C
INSURER D :	Texas Mutual Ins	
INSURER E :		
INSURER F :		

INSURED
KSA ENGINEERS INC
BLOC DESIGN-BUILD LLC
140 E TYLER ST STE 600
LONGVIEW TX 75601

COVERAGES **CERTIFICATE NUMBER:** 2020-2021 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:			4015529054	05/29/2020	05/29/2021	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Employee Benefits	$ 1,000,000 $ 100,000 $ 15,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $ 1,000,000
B	**AUTOMOBILE LIABILITY** [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			4015529135	05/29/2020	05/29/2021	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ 1,000,000 $ $ $ $
C	[X] **UMBRELLA LIAB** [X] OCCUR [ ] **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [X] RETENTION $ 10,000			4015529099	05/29/2020	05/29/2021	EACH OCCURRENCE AGGREGATE 	$ 5,000,000 $ 5,000,000 $
D	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		0002047822	05/29/2020	05/29/2021	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000

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

The general liability & automobile policies includes a blanket automatic additional insured endorsement provision that provides additional insured status to the certificate holder only when there is a written contract between the named insured and the certificate holder that requires such status. The general liability, automobile, & workers compensation policies includes a blanket automatic waiver of subrogation endorsement that provides this feature only when there is a written contract between the named insured and the certificate holder that requires it. The General Liability policy contains "Primary and noncontributory" wording. The policy includes an endorsement providing that 30 days' notice of cancellation [or coverage change] will be furnished to the certificate holder when required by a written contract. Umbrella is follow form

CERTIFICATE HOLDER

*** BID PROPOSAL'S *** Master Certificate

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

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/6/2020

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

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

PRODUCER Risk Strategies 12801 North Central Expy. Suite 1710 Dallas, TX 75243	CONTACT NAME: Brian R Hadar PHONE (A/C, No, Ext): (214) 503-1212 FAX (A/C, No): (214) 503-8899 E-MAIL ADDRESS: certificatedallas@risk-strategies.com		
	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Evanston Insurance Company		35378
INSURED KSA Engineers, Inc. and BLOC Design Build LLC 140 E. Tyler St. Suite 600 Longview TX 75601	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
	INSURER F :		

COVERAGES **CERTIFICATE NUMBER:** 54982065 **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	☐ OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N						☐ PER STATUTE ☐ OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liability		✓	MKLV7PL0004139	4/11/2020	4/11/2021	Per Claim/Annual Aggregate	$2,000,000

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

The claims made professional liability coverage is the total aggregate limit for all claims presented within the annual policy period and is subject to a deductible. Thirty (30) day notice of cancellation in favor of the certificate holder on all policies.

CERTIFICATE HOLDER

Master Certificate

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

Brian R. Hadar

Brian Hadar

TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER

AWARDED TO

C. Daniel Hays

This is to certify that the above named individual has completed the
Texas Department of Agriculture's
Texas Community Development Block Grant Implementation Workshop
And is certified to Administer TxCDBG contracts.

Awarded this 15th day of August 2016

Suzanne Barnard Director for Community Development Block Grant Program

The firm of KSA hereby gives notice that no person in the United States shall on the grounds of race, color, religion, sex, or national origin be denied employment. Notice of this policy will be maintained in plain sight at all offices for the benefit of interested parties, and all subcontractors will be notified of this policy and required to comply. All Equal Employment Opportunity posters will be displayed as required.

I, Mrs. Tanya M. Johnson, am the Equal Employment Opportunity Officer. My duties include coordinating company efforts, advising and assisting key personnel and staff, and officially serving as the focal point for complaints.

When engaged in the performance of duties under contract or subcontracts funded in whole or in part by Federal Funds, the firm will make efforts to contact and utilize minority-owned businesses in the project area whenever feasible. KSA will submit all reports required in a timely fashion and will require its subcontractors to do the same.

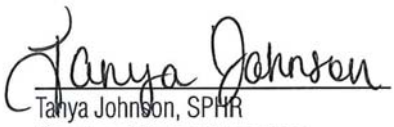
KSA will require each sub-contract bid and/or proposal for work on contracts and subcontracts in the amounts of $10,000 or more to comply with Section 3 of the 1968 Housing and Urban Development Act for Equal Employment Opportunity.

KSA will utilize project area lower income residents (if qualified) whenever feasible and needed to complete work on the aforementioned category of contract or subcontracts of $10,000 or more. Special emphasis in such cases will be made to recruit minorities and women. Outreach efforts will be developed in each case in coordination with the local EEO/Affirmative Action Coordinator of the client or as the client recommends.

All personnel actions of KSA shall be made on a nondiscriminatory basis without regard to race, color, religion, sex or national origin.

As required or necessitated by specific contracts or subcontracts, there may be appended to this Policy Statement a determination of approximate manpower needs to complete the project, proposed recruitment sources if needed, and goals for recruitment of project area residents with emphasis on lower income persons, minorities, and women.

KSA



Tanya Johnson, SPHR
Director of Human Resources

SAM SYSTEM FOR AWARD MANAGEMENT

Carrie Melton Log Out

ALERT: SAM.gov will be down for scheduled maintenance Saturday, 06/13/2020 from 8:00 AM to 1:00 PM

Entity Dashboard

- Entity Overview
- Entity Registration
  - Core Data
  - Assertions
  - Reps & Certs
  - POCs
- Reports
  - Service Contract Report
  - BioPreferred Report
- Exclusions
  - Active Exclusions
  - Inactive Exclusions
  - Excluded Family Members

BACK TO USER DASHBOARD

KSA Engineers, Inc.
DUNS: 092405091 CAGE Code: 3FSJ2
Status: Active
Expiration Date: 05/11/2021
Purpose of Registration: All Awards

140 E Tyler St Ste 600
Longview, TX, 75601-7256 ,
UNITED STATES

Entity Overview

Entity Registration Summary

DUNS: 092405091
Name: KSA Engineers, Inc.
Doing Business As: Wisenbaker Fix
Business Type: Business or Organization
Last Updated By: Carrie Melton
Registration Status: Active
Activation Date: 05/11/2020
Expiration Date: 05/11/2021

Exclusion Summary

Active Exclusion Records? No

GSA

IBM-P-20200424-1037
WWW2

Search Records Disclaimers FAPIIS.gov
Data Access Accessibility GSA.gov/IAE
Check Status Privacy Policy GSA.gov
About USA.gov
Help

CONFLICT OF INTEREST QUESTIONNAIRE

FORM CIQ

For vendor doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

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).

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.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 **Name of vendor who has a business relationship with local governmental entity.**

2 ☐ **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.)

3 **Name of local government officer about whom the information is being disclosed.**

N/A

Name of Officer

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.**

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?

☐ Yes ☐ No

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?

☐ Yes ☐ No

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.**

6 ☐ 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).

7 Signature of vendor doing business with the governmental entity

8/13/2020

Date

Form provided by Texas Ethics Commission www.ethics.state.tx.us Revised 11/30/2015

CERTIFICATION REGARDING LOBBYING

(To be submitted with each bid or offer exceeding $100,000)

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

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(c) The undersigned shall require that the language paragraph 1 and 2 of this anti-lobbying certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995).

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

Signature of Contractor's Authorized Official

Mitchell L. Fortner, P.E., President

Printed Name and Title of Contractor's Authorized Official

8/13/2020

Date

DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352
(See reverse for public burden disclosure)

Type of Federal Action: a. contract ____ b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	**Status of Federal Action:** a. bid/offer/application _____ b. initial award c. post-award	**Report Type:** a. initial filing _____ b. material change

Name and Address of Reporting Entity: ____ Prime _____ Subawardee Tier_____, if Known: **Congressional District, if known:**	**If Reporting Entity in No. 4 is Subawardee,** Enter Name and Address of Prime: **Congressional District, if known:**
Federal Department/Agency:	**7. Federal Program Name/Description:** CFDA Number, *if applicable*: _____
Federal Action Number, *if known:*	**9. Award Amount**, *if known:* **$**
10. a. Name and Address of Lobbying Registrant *(if individual, last name, first name, MI):*	**b. Individuals Performing Services** *(including address if different from No. 10a)* *(last name, first name, MI):*
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.	**Signature:** _____ **Print Name:** Mitchell L. Fortner, P.E. **Title:** President **Telephone No.:** 903.236.7700 **Date:** 8/13/2020
Federal Use Only	**Authorized for Local Reproduction** **Standard Form - LLL (Rev. 7-97)**