

# STATEMENT OF QUALIFICATIONS

**CITY OF WHITEWRIGHT REQUEST FOR QUALIFICATIONS  
FOR ENGINEERING WWTP**

**GREATER TEXOMA UTILITY AUTHORITY  
ATTENTION: GENERAL MANAGER  
5100 AIRPORT DRIVE, DENISON TX 75020**

**DUE DATE: MONDAY February 25, 2019, 3:00pm**

**SUBMITTAL BY:  
PREMIER ENGINEERING SURVEYING  
1302 CALLE DEL NORTE, STE. 2  
LAREDO, TEXAS 78041  
TELEPHONE: (956) 717-1199  
FAX: (956) 717-1196**

**PREMIER**  
ENGINEERING SURVEYING



February 9, 2019

TEXOMA UTILITY AUTHORITY  
ATTENTION: GENERAL MANAGER  
5100 AIRPORT DRIVE, DENISON TX 75020

**Re: CITY OF WHITEWRIGHT REQUEST FOR QUALIFICATIONS FOR ENGINEERING WWTP**

To Whom It May Concern:

**Premier Engineering Surveying** is delighted to have the opportunity to respond to your request and submit our Statement of Qualifications for the above referenced project. Our specialized team has reviewed the parameters that this project will encompass and carefully considered our approach to successfully complete this endeavor. Our company has grown significantly in the last few years and our team of experienced Engineers and Surveyors will provide the City of Whitewright outstanding, high quality services in all facets of planning, funding, engineering design, and construction administration. The accompanying proposal provides a comprehensive response to all the requirements as outlined in the RFQ.

**Premier Engineering Surveying** is committed to a successful project and we look forward to assisting you and building a professional relationship with the Texoma Utility Authority and the City of Whitewright in the near future.

Sincerely,



Armando Guerra, P.E.  
Engineering Manager

## Firm Summary

### PREMIER ENGINEERING SURVEYING

Premier Engineering Surveying was founded in 2004 and has become one of the most trustworthy civil engineering and surveying service providers for private companies, school districts, and governmental agencies in Laredo and the surrounding South Texas Regions. **Premier's group of dedicated professionals has been able to attract and retain highly motivated and experienced individuals, allowing them to compete with the most challenging engineering assignments.** With the help of computer technology and by utilizing the most up-to-date survey/GIS data equipment, LIDAR Scanners, engineering software applications, and years of experience, the Premier team is able to provide our clients with high quality engineering and surveying services.

Premier Engineering Surveying employs twenty-one trained and qualified individuals which include Professional Engineers, Registered Professional Land Surveyors, Senior Project Managers, Design Technicians, GIS Specialists, Survey Field Coordinators, Survey Field Crews and Administrative Support Staff. Premier Engineering Surveying is TXDOT pre-certified in 17 engineering/surveying categories. The Premier Staff is committed to providing the highest quality of service to its clients and offers exceptional professional experience coupled with regionalize knowledge to the counties and communities it serves. **Additionally, Premier Engineering has been involved in a range of project design provisions including (but not limited to):**

- ❖ *Transmission Waterline Design*
- ❖ *Existing Waterline/Sewer line Replacement Evaluation/Design*
- ❖ *Development and Utility Master Planning*
- ❖ *Wastewater Treatment Plant Design/Expansions*
- ❖ *Water Plant Design/Upgrades*
- ❖ *TCEQ Water/Wastewater Plant Permitting*
- ❖ *Texas Water Development Board Funding Coordination*
- ❖ *USDA Funding Coordination*
- ❖ *Water Distribution Systems Design*
- ❖ *Post-Design and Construction Supervision*
- ❖ *Control and Construction Surveying*
- ❖ *Topographic Surveying*
- ❖ *Photogrammetry Control Surveying*
- ❖ *Property Deed Research, Boundary and Land Title Surveys*
- ❖ *As Built and Record Drawings*
- ❖ *Oil & Gas Surveying (RRC-Permit Plats, Corridor Alignments, Valve Sites, etc.)*
- ❖ *Oil & Gas Storage Facility Grading Plans*

#### PRIMARY CONTACT:

Armando Guerra, P.E.  
Engineering Manager

Office Location to Provide Services:  
1302 Calle del Norte, Ste. 2  
Laredo, Texas 78041  
Phone: 956.717.1199  
Fax: 956.717.1196  
armando.guerra@premier-ce.com



## Qualifications & Experience

### QUALIFICATIONS

At Premier, our ability to provide exceptional quality services lies in the years of successfully completing projects on time and on budget. This exceptional quality has been seen year after year in Premier's excellent track record which has allowed clients to always renew our contracts with great trust and confidence. Premier has the personnel with the proper design expertise and experience to

Premier's extensive experience in high profile water/wastewater projects has allowed project managers, engineers, and designers to attain a high level of skill and proficiency in planning and designing in the quickest, most efficient way possible.

complete designs in the quickest, most efficient way possible. In addition, **our project managers and engineers have been involved in the successful design and construction administration of various water/wastewater design projects with Texas Water Development Board Funding.**

**Mr. Armando Guerra, P.E. will serve as the Project Manager for this project.** He will provide senior technical design support for the project team, who will guide with their experience the project to completion. For this project, Premier has assembled a highly qualified team of professionals to aid in the design of the Project. These individuals were selected based upon their relevant expertise and their availability for the duration of the project. Mr. Guerra currently resides in Laredo and has been actively participating in civil engineering projects for over 13 years. He graduated from Texas A&M University in College Station with a Bachelor of Science degree in Nuclear Engineering and later obtained his Texas Professional Engineer's License in Water Resources. Mr. Guerra has completed numerous utility line design projects within South Texas and has a full understanding of the local and state government's design regulations. His design experience includes sanitary sewer systems, water distribution systems, wastewater treatment plant and water plant improvements among many others. He is thoroughly familiar with the region's growth and development; as well as, the necessity for continual water/sewer system improvements to meet the future water/sewer demands of any city.

**Premier Engineering maintains the most current development software licenses and technologically advanced surveying equipment such as the LIDAR Scanner which creates detailed 3D point cloud models of any landscape.** In addition, our in-house surveying department has extensive experience in Property Deed Research, land acquisition, easement dedications, Right of Way Boundary and Land Title Surveys

## EXPERIENCE

Premier Engineering Surveying has obtained detailed water/sewer design experience in the completion of several large scale comprehensive design projects within the South Texas Region. The experience encompasses a variety of project types such as transmission lines, water line adjustments/replacements, service lines, water/sewer system planning, wastewater treatment plant design, and water plant improvements. **More in particular, Premier has the experience in working with the Texas Water Development Board and assisting cities in getting all the necessary documentation to close the loan and commence construction quickly and efficiently.** The following bulleted summary has been prepared in an effort to assist the City of Whitewright with an understanding of the extensive experience, personnel capabilities, design knowledge and proven work satisfaction on similar projects that Premier Civil Engineering possesses:

- ❖ *Wastewater Treatment Design Experience in the Following:*
  - Conversion of Treatment from Extended Aeration to BioNutrient Removal
  - Headworks Facility w/Grit Removal System
  - Bio-Nutrient Removal Basins
  - Clarifiers & Splitter Box
  - RAS/WAS Pump Station
  - Cloth Media Filter Basins
  - Chlorination/Dechlorination Basins
  - TCEQ Major Permit Amendment
  - USDA Funding Coordination
  
- ❖ *Water Plant Design/Upgrades and Waterline Replacements*
  - Clearwell Tank Replacements
  - Booster Station Improvements
  - Standpipe Rehabilitation and System Repairs
  - Raw Water Line Improvements
  - Filter Rehabilitation/Improvements
  
- ❖ *Texas Water Development Board Funding Coordination*
  - Coordination of Environmental Assessment
  - Analyze Existing System and Current Problems
  - Address Projected Needs and Demands
  - Provide Alternatives and Recommendations
  - Prepare Engineering Feasibility Report
  - Provide assistance during Project Bidding
  - Conduct Monthly Meetings with TWDB Staff during Constructio

### KEY PERSONNEL

The following is a current employee listing with key personnel tasked for this project, as well as, supporting engineering staff:

**\*\*Eduardo J. Gutierrez, P.E., R.P.L.S.—Principal**

**\*\*Manuel Gonzalez Jr., P.E.—Principal**

**\*\*Armando Guerra, P.E.—Engineering Manager**

**\*\*Adrian X. Castillo —Survey Manager**

**Rene Cardona, Engineering Associate**

**Norberto Garza, Engineering Associate/Construction Inspector**

**Juan A. Torres—CADD Technician**

**Ricardo Garcia—GIS Specialist**

**Lyle Jimenez —Safety Officer**

**Roger Ramirez—Survey Coordinator**

### Good Faith Effort Plan:

Premier Engineering Surveying is certified in the following Enterprises:

HABE – Hispanic American Business Enterprise

MBE – Minority Business Enterprise

SME – Small Business Enterprise

### PROFESSIONAL REFERENCES

❖ **Carlos Trevino, Director**  
Zapata County Waterworks  
605 N. Hwy 83  
Zapata, TX 78076  
956-765-9975

❖ **Domingo Castañeda, Plant Manager**  
Zapata County Waterworks  
605 N. Hwy 83  
Zapata, TX 78076  
956-765-9975

❖ **Victor J. Linares, P.E.**  
City of Laredo - Building Development  
Services  
1120 San Bernardo Ave.  
Laredo, Texas 78040  
(956) 794-1625

❖ **Ramon Chavez, P.E., City Engineer**  
City of Laredo, Engineering Dept.  
1110 Houston St.  
Laredo, TX 78042  
956-791-7346



**EDUARDO J. GUTIERREZ, P.E., R.P.L.S. | PRINCIPAL**

Mr. Gutierrez resides in Laredo, Texas and has over 25 years of professional experience as Project Manager, Project Engineer and Land Surveyor. He co-owns and manages Premier Engineering Surveying since July 2004. His professional engineering experience includes work involving hydraulics, drainage, land development, roadway planning and design, water supply, wastewater and construction contract administration. His surveying professional experience includes work in aerial mapping, design surveys, title surveys, oil & gas surveys and staking, and construction surveying.

**EDUCATION**

BS in Civil Engineering, University of Texas, San Antonio, 1991

**REGISTRATION**

Professional Engineer, TX No: 82657  
Professional Land Surveyor TX No: 5839

**MANUEL GONZALEZ JR., P.E., | PRINCIPAL**

Mr. Gonzalez resides in Zapata, Texas and has over 22 years of professional experience as Project Manager and Project Engineer. He co-owns and manages Premier Engineering Surveying since July 2004. He has been directly involved in the design and management of water/wastewater infrastructure projects throughout Texas. His experience includes water/wastewater design, water resources, commercial development, roadway schematics, and utility projects involving grant/loan funding agencies. He has extensive project experience with TxDOT, Texas Water Development Board, USDA, CDBG and TCEQ. Mr. Gonzalez is accomplished in the use of MicroStation, Geopak, Microsoft Office and other highway software applications. Mr. Gonzales is also greatly involved in the community by serving as a Zapata County Independent School District Board Member for various years.

**EDUCATION**

BS in Civil Engineering, Texas A&M University in College Station, 1996

**REGISTRATION**

Professional Engineer, TX No. 94766

**ARMANDO GUERRA, P.E. | PROJECT MANAGER**

Mr. Guerra currently resides in Laredo and has been actively participating in civil engineering projects for over 13 years. Mr. Guerra has completed numerous utility design projects within South Texas and has a full understanding of the local and state government's design regulations. His design experience includes sanitary sewer systems, water distribution systems, wastewater treatment plant and water plant improvements among many others. He is thoroughly familiar with the region's growth and development; as well as, the necessity for continual water/sewer system improvements to meet the future water/sewer demands of any city.

**EDUCATION**

BS in Nuclear Engineering, Texas A&M University in College Station, 2004

**REGISTRATION**

Professional Engineer, TX No. 104992



## PROJECT EXPERIENCE

### PROJECT NO. 1

#### Zapata County Waterworks Waste Water Treatment Plant Improvements (0.8 MGD Expansion) (USDA Funded)

The project consisted of expanding the existing Waste Water Treatment Facility from 0.8 MGD capacity to 1.6 MGD capacity and converting treatment method from Extended Aeration to Bio-Nutrient Removal (BNR). The proposed improvements include the construction of one (1) new Headworks Facility, one (1) new Carrousel/BNR Basin, Improvements to Existing Carrousel Basin, two (2) new Secondary Clarifiers, one (1) new Clarifier Splitter Box, one (1) new RAS/WAS Pump Station, one (1) new Cloth Media Filter Basin, one (1) new Chlorine Contact/Dechlorination Basin, one (1) new Chlorination/Dechlorination System with Fiberglass Shelter, one (1) new Electrical Building, and one (1) new Administration/Laboratory Building. Our duties for this project included the preparation of engineering design plans, specifications, construction administration, USDA funding coordination, and TCEQ Major Permit Amendment preparation/coordination.

#### PROJECT BUDGET

\$11,000,000.00

#### PROJECT OWNER

Zapata County Waterworks

Carlos Treviño, Director

Phone: 956.765.9974

Email: zc\_ww@yahoo.com

### KEY PERSONNEL

**Armando Guerra, P.E.**

Project Management/Engineering Design

Construction Administration

**Manuel Gonzales, P.E.**

QA/QC, Design Support

**Adrian Castillo**

Survey planning and field crew coordination

### PROJECT NO. 2

24" Transmission Main from Del Mar Blvd., Along Casa Verde Road to Loop 20 - Laredo, Texas (Texas Water Development Board Funded) Project scope included the design of a 24" transmission main beginning at Del Mar Blvd., and continuing through portions of Casa Verde Rd., Jacaman Rd., Sinatra Dr. and ending at Loop 20. (3.4 Miles) Specific duties included Preliminary Engineering Report for Alignment Determination, Easement Preparation and Negotiations, Plans & Specifications, Bidding Phase and Construction Administration. Since this

#### PROJECT BUDGET

\$5,000,000.00

#### PROJECT OWNER

City of Laredo Utilities Department

William Lim, Engineer

Phone: 956.721-2000

Email: slim@ci.laredo.tx.us



STATEMENT OF QUALIFICATIONS FOR CITY OF WHITEWRIGHT  
WASTEWATER TREATMENT PLANT  
PROFESSIONAL ENGINEERING SERVICES



project was funded by the Texas Water Development Board, the following duties were also performed: Coordination of Environmental Assessment, Analyze Existing System and Current Problems, Address Projected Needs and Demands, Provide Alternatives and Recommendations, Prepare Engineering Feasibility Report, Provide assistance during Project Bidding, Conduct Monthly Meetings with TWDB Staff during Construction

**KEY PERSONNEL**

**Armando Guerra, P.E.**

Project Management

Engineering Design

Construction Administration

**Eduardo J. Gutierrez, P.E., R.P.L.S.**

QA/QC, Design Support, Easement & Land Acquisition Coordination

**Adrian Castillo**

Survey planning and field crew coordination

**PROJECT NO. 3**

**Ramireño WSC Waterline, Elevated Tank, & Booster Station Improvements – Ramireño, Texas**

Served as the lead engineering firm in the preparation of design plans, specifications, and construction administration of the installation of 18,000 feet of 6" water lines, 50,000 gallon elevated tank, & booster station along Highway 83. This project was TxDOT funded and involved extensive easement & land acquisition. In addition, this project included the design, construction and TxDOT coordination of six bores (jack & bore) under Hwy 83 and other major streets.

**PROJECT BUDGET**

\$2,000,000.00

**PROJECT OWNER**

Zapata County Waterworks

Carlos Treviño, Director

Phone: 956.765.9974

Email: zc\_ww@yahoo.com

**KEY PERSONNEL**

**Manuel Gonzales, Jr., P.E.**

Project Management

Engineering Design

Construction Administration

**Eduardo J. Gutierrez, P.E., R.P.L.S.**

Easement & Land Acquisition Coordination

**Adrian Castillo**

Survey planning and field crew coordination

**PROJECT NO. 4**

**Las Palmas Sanitary Sewer Improvements Project – Zapata, County  
(Texas Water Development Board Funded)**

Served as the lead engineering firm in the preparation of design plans, specifications, and construction administration for a sewer improvements project that included 12,000 feet of 8" sewer lines, 13,000 feet of 3" force main, 2 lift stations, and over 44 manholes for Las Palmas community in Zapata, Texas. Since this project was funded by the Texas Water Development Board, the following duties were also performed: Coordination of Environmental Assessment,

Analyze Existing System and Current Problems, Address Projected Needs and Demands, Provide Alternatives and Recommendations, Prepare Engineering Feasibility Report, Provide assistance during Project Bidding, Conduct Monthly Meetings with TWDB Staff during Construction

**PROJECT BUDGET**

\$1,000,000.00

**PROJECT OWNER**

Zapata County Waterworks

Carlos Treviño, Director

Phone: 956.765.9974

Email: zc\_ww@yahoo.com

**KEY PERSONNEL**

**Manuel Gonzales, Jr., P.E.**

Project Management

Engineering Design

Construction Administration

**Eduardo J. Gutierrez, P.E., R.P.L.S.**

Easement & Land Acquisition Coordination

**Adrian Castillo**

Survey planning and field crew coordination

**PROJECT NO. 5**

**VELENO BRIDGE PROJECT (In association with the TxDOT US HWY 83 PROJECT)– Zapata, County**

Served as the lead engineering firm in the preparation of design plans, specifications, and construction administration of various utility lines and one liftstation along US HWY 83, across Veleno Creek. This project was TxDOT funded and involved extensive easement & land acquisition. In addition, this project included the design, construction and TxDOT coordination of two 600 ft bores under Veleno Creek.

**PROJECT BUDGET**

\$1,500,000.00

**PROJECT OWNER**

Zapata County Waterworks

Carlos Treviño, Director

Phone: 956.765.9974

Email: zc\_ww@yahoo.com

**KEY PERSONNEL**

**Manuel Gonzales, Jr., P.E.**

Project Management

Engineering Design

Construction Administration

**Eduardo J. Gutierrez, P.E., R.P.L.S.**

Easement & Land Acquisition Coordination

**Adrian Castillo**

Survey planning and field crew coordination