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May 18, 2020

Webb County Purchasing Department 1100 Washington Street, Suite 101 Laredo, TX 78040

RFQ- Engineering Services for the Colorado Acres RO Water Treatment Plant Renovations Project

Dear Webb County Purchasing Department,

We appreciate the opportunity to present our Statement of Qualifications in response to Webb County's Request for Qualifications for Engineering Services for the Colorado Acres RO Water Treatment Plant Renovations Project. We have put together a team that strives to exceed expectations, and that possesses true dedication, exemplified by our commitment to project success.

SWG Engineering, LLC (SWG), has been providing engineering services in the South Texas Region, with extensive projects within the Lower Rio Grande Valley, ever since it was established in 1945. Throughout the 75 years in the field of engineering, the employees of SWG have assisted all types of project owners complete their projects and solve their problems, ranging from Municipalities, Counties, Districts, and other political subdivisions, to private industries. We pride ourselves in our commitment to excellence and our dedication to our projects and project owners, such that over 80% of our business is by repeat project owners, pleased with our performance. We work closely with project owners to identify the objectives of the project, and provide a dedicated team of highly qualified professionals to meet those needs. SWG strives to be more than an engineer to our client. We strive to be trusted partners and consultants.

Our team's uniqueness is the full-service, all-inclusive approach to the project. With our team's extensive experience, we offer Webb County a full range of services from funding procurement and administration, to full engineering design and analysis, to surveying and topographic analysis, to construction management and inspections, all to guarantee the successful completion of the project. Our services go beyond the ordinary, as SWG takes the responsibility of serving and safeguarding Webb County seriously.

We have thoroughly reviewed the scope of work, and are confident in our ability to deliver results in a timely, cost-effective, and professional manner. SWG has worked on water projects extensively, and possesses the capability to successfully complete this project as well.

We appreciate the opportunity to work with Webb County by being of service on this project. Please don't hesitate to give us a call; we would be glad to discuss any questions that you might have. We may be reached at (956) 968-2194 or via email.

Sincerely,

Randall C. Winston, P.E., President



FIRM PROFILE

SWG ENGINEERING, LLC

SWG Engineering, LLC, provides consulting engineering services in the South Texas Region with extensive projects in the Lower Rio Grande Valley. SWG has taken a leadership role in providing quality engineering answers in the Valley through our greatest resource — a dedicated and talented staff. Leadership begins with the principals, who are all Texas-registered professional engineers.

During the 75 years in the field of practice, the employees of SWG have assisted municipalities, counties, political subdivisions, governmental agencies and private industries. Our work speaks for itself as 80 percent of our business is from repeat clients.

Our firm's philosophy is simple, we always strive to provide our clients with unparalleled consulting services by putting our clients' interest first. We work closely with our clients to identify the objectives of the project and assemble a team of highly qualified professionals to meet those needs. SWG strives to be more than an engineer to our client. We are trusted partners and consultants. Our firm's principles are based on efficiency, quality and unmatched customer service. We envision costeffective engineering design concepts without compromising on quality. SWG Engineering is committed to our clients' success. Our experience, combined with our advanced technical support, provides us with the unique ability to expedite the planning and design phase before the actual construction.

As a pioneer of engineering in the Rio Grande Valley, we have continually invested time and money in charitable and public-spirited activities within our community to ensure we contribute to the Valley's continued growth and development of future

AREAS OF SPECIALIZATION

We provide a broad range of services besides design, such as master planning, conceptual studies, feasibility studies, rate studies, environmental studies, preliminary reports, plans and specifications in civil engineering design and structural engineering (bridges, concrete structures, building foundations).

GENERAL SERVICES

- Consulting
- Water Treatment & Distribution
- Wastewater Treatment & Collection
- Irrigation Systems & Treatment
- Storm Drainage Evaluation and Design
- Flood Mitigation
- Feasibility Studies
- Grant Funding Assistance
- Environmental Engineering
- Capital Improvements Plan
- Asset Management
- Construction Management
- Site Planning, Analysis and Design
- Street and Roadway Design
- Flood Control & Flood Plains
- Site Grading & Earthwork
- Land Surveying
- Topographic & Detailed Mapping
- Structural Engineering
- GPS Technology
- GIS Technology

CONSULTING ENGINEERING SERVICES

- City Engineering
- Preparation of Construction Plans
- Preparation of Procurement Documents
- Construction Management
- Project Funding Procurement
- Infrastructure Assessments
- GIS Mapping



1.) Firm name, including the addresses of all firm offices identifying in which office the work will be performed:

SWG Engineering, LLC

Primary Office: 611 Bill Summers Intl. Blvd.

Weslaco, TX 78596

McAllen Office: 510 S. Broadway St. McAllen, TX 78501

2.) Names, position, phone and fax of contact person:

Randall C. Winston, P.E.

President

(956)968-2194

(956)968-8300

3.) Names of principals in the firm; years firm has been in business:

Randall C. Winston, P.E.

Joseph B. Winston, P.E.

75 Years in Business

4.) Listing of all pending litigation against or involving the firm or its agents or employers with respect to any work performed:

N/A

5.) Amount of professional liability insurance coverage carried by your firm:

SWG Engineering, LLC maintains a professional liability insurance in the amount of \$1,000,000.00

6.) Name and phone number of person to contact at the banking institution where firm does business:

Frost Bank

Paola Escalante Castillo

(956)702-6683

7.) Disciplines of consultants for the proposed project:

SWG Engineering – Civil Engineering, Environmental Engineering, Water Resources Engineering, Transportation Engineering, Construction Engineering & Inspection, Surveying, Construction Administration, and Funding Procurement.

8.) Current work load of staff that would be responsible for the project:

SWG Staff would be able to dedicate 75% of their time to this project and is committed to deliver timely results.



TECHNICAL APPROACH

To ensure maximum efficiency and accuracy, SWG employs a systematic approach to executing projects. From engineers to project managers and construction quality control teams, we all adhere to the execution plan in order to deliver the assignment on-time and on-budget.

PHASE 1: PROJECT DEVELOPMENT

This initial phase is crucial for the success of a project. Our team gathers necessary information to commence conceptual engineering, preliminary engineering, and ultimately establish a project budget estimate and schedule before moving into detailed design.

CONCEPTUAL ENGINEERING

- Review project scope
- Formalize strategy
- Review owner design standards
- Review existing utilities and site constraints
- Perform preliminary code search
- Research permitting requirements
- Develop process design basis

PRELIMINARY ENGINEERING

- Establish design criteria and approach
- Conduct code and permitting reviews
- Coordinate with OEMs and vendors
- Create process equipment flow diagrams and layouts
- Estimate with accuracy and contingency variance
- Provide value engineering and alternates
- Develop preliminary schedule
- Determine project staffing

PHASE 2: DETAILED DESIGN

The detailed design phase is where we use the client's input from the project development phase to transform the schematic drawings, outline specifications and project definition into working drawings and specifications.

- Delivery of final outline specification and drawings
- Multiple drawing reviews: 30%, 60%, 90%
- Drawing acceptance by owner
- •Collaboration with vendors and OEMs on longer-lead items

PHASE 3: PROJECT IMPLEMENTATION

Cost control: We perform thorough planning and bid management during procurement, develop a process for change management and prepare detailed accounting for accurate forecasting and reporting.

Quality assurance: Our proactive approach to quality control begins during pre-construction and continues through closeout. It includes rigorous review of design and submittal documents, on-site inspections and project observation reports for every critical juncture, monthly and weekly progress reports, independent agency testing, as well as mock-ups & samples and mechanical systems start-up and training. We keep tight control throughout construction, to safeguard owner from any deficiencies.

<u>Schedule controls</u>: We keep projects moving through constant collaboration and planning, which includes regular schedule updates, two-week look-aheads and weekly subcontractor coordination meetings.

<u>Communication</u>: All client communications are handled through our project manager. Our project manager oversees all communication, acting as a single point of contact for design, submittals and shop drawing control, requests for information (RFIs), drawing management procedures and design changes.

<u>Safety:</u> The safety of our employees, clients and contractors is top priority, so we create project-specific safety plans, perform safety audits, create emergency protocols, and adhere to all OSHA requirement.

PHASE 4: COMMISSIONING AND CLOSING

- Mechanical systems start-up and training
- Final field inspections
- Punch list
- Record drawings
- Owner's manuals



1. PROJECT SCOPE VERIFICATION (5%):

Meet with client to verify project parameters, complete preliminary investigations, budget, schedule, size, location service district...etc.

2. INTERNAL KICK-OFF MEETING (5%):

The design team meets to discuss the project considerations, approach, schedule, and deliverables. This meeting is directed by the project manager and attended by the survey department, designer, engineer, drafter, and the client representative.

3. OBTAIN EXSTING INFORMATION (10%):

Available local record information is researched and existing utility companies are requested to provide their specific utility information.

4. TOPOGRAPHIC SURVEY (15%):

Initiate field work order to cover the project construction area. Office work includes verification of Right-Of-Way, property lines, existing easements and public/private utility location.

5. UTILITY REVIEW (20%):

Preliminary drawings are supplied to all utility agencies for review and comment. All possible conflicts are addressed at this stage. Alternatives are discussed as applicable.

6. PRELIMINARY DESIGN (30%):

Provide preliminary alignment, drawings, schedule, and cost estimates.

7. PERMIT DOCUMENTS (60%):

Final location is determined and all applicable permit applications are prepared. Necessary easements documents finalized and project specifications are assembled.

8. FINAL DESIGN (90%):

All applicable permits and easements are secured. Permitting agency comments and special conditions are addressed. Internal constructability review is conducted. Plans are forwarded to the client for final review and approval.

9. BIDDING DOCUMENTS (100%):

Final plans and specifications are assembled creating the "Bid Package". Client specific sections (General Conditions, Bonds, Agreements, Technical Specifications...etc.) are included.

10. BID ADVERTISMENT:

Trade publications and local newspapers are used to place the advertisements as authorized by the client. Bidding documents are often scanned and made available for viewing. Hard copies will typically be located at SWG Engineering offices for examination and pickup. General contractors and supplier questions / requests for clarifications are addressed and addenda issued as appropriate.

11. PRE-BID MEETING:

Frequently, this meeting is facilitated by SWG Engineering to ensure bidders have a complete understanding of the project scope.

12. BID-OPENING:

SWG Engineering will facilitate the bid opening meeting that is attended by the client, bidders, and stake holders. All bids are checked for completeness including the required bonds.

13. BID TABULATION & RECOMMENDATION:

Bids are checked for responsiveness, balance, and fatal errors. Bidder's qualifications, insurance, and references are checked. Subsequently, Recommendation of Award will formally be issued to the client.



PROJECT MANAGEMENT

PROJECT INSTRUCTIONS AND WORK PLANS

The Project Manager will initiate work, prepare project instructions and work plans, and manage and control progress of the work. He will be the primary contact between Webb County and SWG team members. Project instructions will communicate team members' responsibilities and define tasks, schedules, budgets, and coordination methods.

PROJECT MONITORING AND CONTROL

SWG will prepare monthly narrative progress reports describing work accomplished during the reporting period, work anticipated in the next reporting period, issues and concerns, problem resolutions, and schedule and budget updates. A cost summary will document expenditures during the reporting period, cumulative expenditures to date, estimated cost to complete the work, and total estimated cost at completion. The costs will be compared to the budget amounts for each task and show any variance. SWG recognizes that meeting the proposed schedule is an essential part of delivering the project successfully and meeting the budget.

ON TIME AND WITHIN BUDGET

SWG's project management competence rests on our mastery of the tools necessary for managing water projects. Our project managers have a fully integrated project control system that combines scope, schedule, budget, and forecast data into one database. This real-time reporting project control system assists project teams in the day-to-day management of their projects.

SCHEDULING

The keys to an effective schedule include direct integration with Work Breakdown Structure (WBS), resource-loading to assist with funding needs and budget analysis, identification of milestones or deliverables, logical depiction of work processes, and regular updates to assess project performance. Our scheduling success can be attributed to the Critical Path Method (CPM) developed from software programs, depending on project needs and system compatibility.

BUDGET CONTROL

SWG will use a number of tools for project budget control. These include our management information system for tracking internal project costs; resource utilization, and costs; and cost estimating software for both professional services budget estimates and construction cost estimates. Elements of cost to be estimated include, but are not limited to, are labor, materials, equipment, travel, and expenses.

PROJECT MEETINGS

Well-planned and properly timed meetings ensure excellent service. The kick-off meeting will help ensure that the Webb County needs, vision, and team member roles and responsibilities are clearly understood. Meetings with Webb County staff and other agencies, as appropriate, will provide valuable coordination. To reduce costs, conference calls will be used when appropriate.

PROBLEM SOLVING

While many issues can be anticipated and planned around, unexpected obstacles often arise in performance of an endeavor such as this. When obstacles arise, we immediately manage them by investigating the problem, developing alternative solutions, and communicating our ideas for maintaining schedule and budget as soon as possible. Engineers are often described as problem practical solvers, quality personified by SWG. Characterized by creative thinking, we will offer innovative yet practical concepts for your consideration throughout the project in an effort to better serve Webb County. We will maintain close contact with your staff, carefully address their ideas, and include them in developing project solutions wherever appropriate.



QUALITY ASSURANCE/ QUALITY CONTROL PLAN

The following summarizes the general planning methodology that our team has developed. At SWG Engineering, we believe that it is our responsibility to ensure the accuracy and quality of our proposed projects. Our team prides themselves in client support by ensuring each designated project team member is invested to see their part of the design become a reality. We ensure the all documents are meeting standards and are coordinated between consultants. Quality control is an everyday practice. SWG has developed a Quality Assurance and Quality Control (QA/QC) plan, with the ability to modify it so that it specifically meets each individual projects' requirements. Each project presents unique opportunities and challenges, making customization key.

Our plan consists of:

• DESIGN CONSULTATION (i.e. PRELIMINARY DRAWINGS AND EXHIBITS)

• We ensure all expectations, design criteria, and construction standards are met.

PARTICIPATION

• We encourage ample participation from stakeholders, public entities, and community groups to ensure all expectations are constantly being exceeded.

STANDARD OPERATING PROCEDURES

- Set standard of how our firm prepares, produces and reviews plans, specifications, estimates, calculations and other necessary submittal items.
- o Specific procedures based upon type of project, size, scale, and scope of work.
- Role coordination procedures are followed to properly assign tasks without creating conflicts.
- o Proper procedures followed for obtaining necessary permits.
- o Final review methodology to ensure adequacy of total project design.
 - Each document is independently reviewed and verified for clarity, feasibility, completeness and a precision.

SUBSTANTIATION

Proper documentation and submission of required submittals to ensure all QA/QC procedures have been met.

• FIELD CONSTRUCTION QA/QC

- o Field Inspection Daily Observation Reports.
- o HD 4K aerial video recordings and drone flights that will showcase project scope, progress, and completion.
 - Also a valuable tool for project owner to showcase improvements to public and stakeholders.



- o Time-lapse recordings, where applicable or requested, to showcase impact of improvements.
 - Also a valuable tool for project owner to showcase improvements to public and stakeholders.
- Web-based service for client's authorized personnel to access, view, and comment on project documents.

OTHER

 Showcase/Announcement of successful project completion on ASCE-RGV monthly newsletter for public outreach, if desired.

We are aware that each project presents unique opportunities and challenges; customization is the key to success. Our goal is to provide design consultation, drawings, exhibits, and participation in meetings with stakeholders, community groups, and public entities to develop a successful design.

Our firm has built a reputation for high quality work achieved in a spirit of collaboration, both within the firm and with our clients. Quality management is best achieved when all members of a team are thoroughly invested in the project and see their part of the design as a piece of the whole picture. Our team assures the construction documents are meeting standards and are coordinated between consultants. Quality Control is an everyday practice.

Our goal is to make sure that the drawings can be built as planned. We host project coordination meetings and implement internal deadlines to review everyone's goals. This helps us ensure that our clients' needs and requirements are being met. At key milestone of 30%, 60% and 90% progress, our team produces a set of red-lines for an internal review of documents. Constant review of the work is crucial to eliminate human error.

The team's focus on Quality Control assures that our services are continually meeting the goal of continual improvement throughout the process, leading to design excellence.



CONSTRUCTION ENGINEERING INSPECTION

At SWG Engineering, we have a proven history of delivering successful engineering, environmental, and construction management solutions for projects since 1945. Our team prides ourselves in demonstrating value to our clients through our work by conveying innovative, cost effective, and timely design solutions to their unique request. Our designated Construction Engineering Inspector provides professional supervision in the field, ensuring that our plans are coming to life as per all specifications and design criteria.

SWG is glad to provide the following services under our CEI:

- Full construction oversight to ensure construction as per plans and specifications
- Coordination with all Contractors, Consultants, and Clients
- Overview of tests through independent laboratories on an as needed basis per project specifications
- Ensuring that all ongoing construction meets established timelines
- Preform Field Inspection Report for each site visit
- Preforming monthly drone flights inspections for stakeholders meetings
- Monitoring through time-lapse equipment and recordings to ensure proper QA/QC
- Overseeing that all Safety and Quality Procedures are taking place at all times.
- Ensure that workmanship meets or exceeds expectations
- Ensure high quality materials are used

SWG understands that the best set of plans are only as good as their equivalent construction on the field. This is why SWG ensures coordination and enforces strict oversight over the construction teams, to guarantee the successful construction and realization of the project plans.





KEY STAFF



Project Manager
Randall C. Winston, P.E., MSCE, President
Texas Registered Professional Engineer No. 70417
Master of Engineering in Civil Engineering, Texas A&M University
Bachelor of Science in Civil Engineering, Texas A&M University

Mr. Winston has 34 years of experience in the Civil Engineering industry. His experience includes being principal engineer for several largescale water and wastewater projects in design, regulations, budget and schedule control, and construction management. He has been lead engineer for many treatment projects, detention facilities, large water and wastewater plants, rapid dewatering drying beds, lift stations, and collection and

distribution systems. As Project Manager, Mr. Winston will be responsible for providing superior client service to ensure complete client satisfaction. He'll ensure technical delivery of the design, and adherence to QA/QC, safety and health requirements, managing project staffing, and financial performance tracking. Mr. Winston has expertise in working with regulatory agencies such as TCEQ, TxDOT, Army Corp of Engineers, IBWC, and other regulatory agencies. In additional to regulatory agencies, Randall has extensive knowledge with funding agencies such as TWDB, USDA, NADBANK/BECC, FEMA, CDBG, GLO, HUD, TDEM, EDA, among others.



Joseph B. Winston, Jr., P.E., RPLS, Vice President Texas Registered Professional Engineer No. 31109 Texas Registered Professional Land Surveyor No. 3780 Bachelor of Science in Civil Engineering, Texas Tech University

Mr. Winston has over 54 years of civil engineering and surveying experience. His experience encompasses largescale water and wastewater designs, regulation, analysis, project and construction management, as well as engineering studies, environmental oversight, utility coordination and conflict resolution oversight, hydrology, hydraulic design, plan review, public involvement.

In addition, Mr. Winston has 54 years of experience throughout the Rio Grande Valley consulting for various entities in the private

sector as well as governmental clients. Furthermore, Mr. Winston has served as City Engineer Consultant for various entities such as City of Alamo, City of San Juan, City of Mercedes, and City of La Feria, among others, where he assists and serves the city on all engineering matters.





Senior Project Engineer

Jose G. Reyes, P.E.

Texas Registered Professional Engineer No. 93827

Bachelor of Science in Mechanical Engineering, University of Texas at San Antonio

Mr. Reyes has 21 years of engineering experience. His experience is composed of engineering design, project estimation and scheduling, planning and controlling, engineer in charge, and coordination. Jose has a strong understanding of both the public and private sectors with project design and oversight experience in Waterline Improvements Design, Wastewater and Water Utility Connection Design, and Drainage

Improvements. Mr. Reyes also a strong working knowledge of coordinating with agencies such as TCEQ, TxDOT, IBWC, TWDB, TPWD, NADBANK, USDA, and FEMA. As Project Engineer, Mr. Reyes will be responsible for project oversight, project design support, and coordination with project drafting and surveying, participate in the review of existing data, and gathering of field data.



Project Engineer
Isaac J. Huacuja, E.I.T.
Engineer-In-Training Certificate No. 60690
Bachelor of Science in Civil Engineering, University of Texas Rio Grande Valley

Mr. Huacuja has 6 years of civil engineering experience. His experience includes consulting in Civil Engineering on design and development of Water Resources, Water Treatment, Wastewater Treatment, Groundwater, Water Distribution, Wastewater Collection, Stormwater Drainage, Flood Mitigation, Agricultural Irrigation Systems, Environmental Engineering, Water Systems, Pump Systems, and Hydraulic Modeling. Mr. Huacuja also has experience working and coordinating with agencies such as FEMA,

TDEM, USBOR, USDA, TWDB, and TPWD. As a Project Engineer, Mr. Huacuja's role will be in project design and project management support, as well as project control specialist, utilizing his background of project planning, management, and design experience for civil and environmental design and construction.





Construction Engineering Inspector
Jorge Rios, Graduate Engineer
Bachelor of Science in Mechanical Engineering

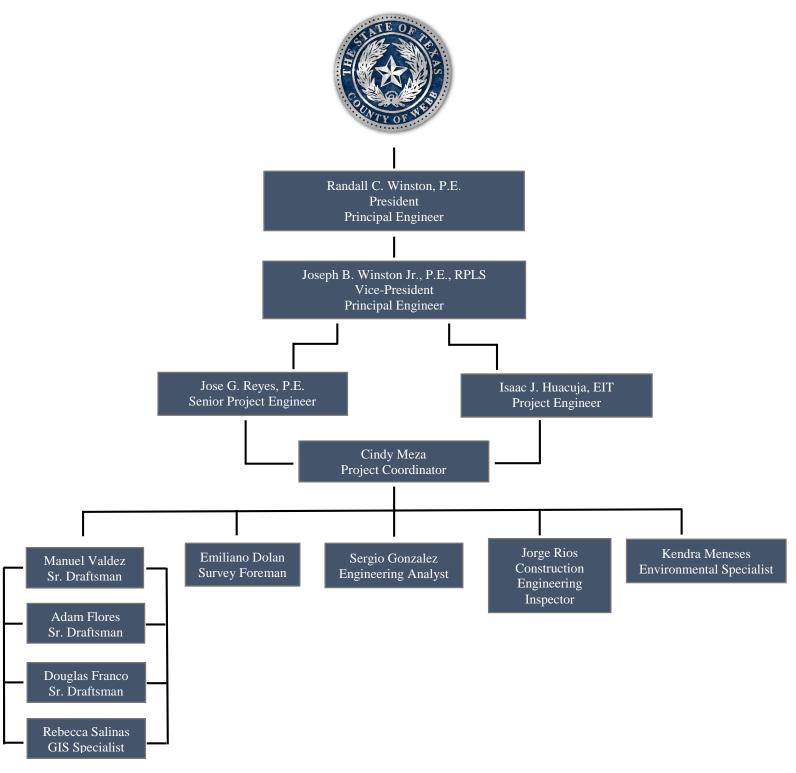
Bachelor of Science in Mechanical Engineering, University of Texas Pan American

Mr. Rios has 22 years of experience in Construction Management & Inspection. His background knowledge in Mechanical Engineering allows him to have a better understanding of the standard operating procedures required by the design engineer. Jorge's experience consists of inspection and oversight of several largescale water and wastewater treatment projects, elevated storage tanks, ground storage tanks, detention facilities, lift stations, and collection and distribution utility systems. Mr. Rios is responsible for full construction oversight of each

project to ensure all projects and plans are being built to its specifications, performing Quality Assurance and Quality Control assessments throughout. Additionally, he coordinates with Engineers, contractors, subcontractors, and conducts regular field inspections and reporting, ensuring all safety and quality procedures are met, and assists with proper communication to ensure project is within budget and on time. He has worked as Resident Project Representative for several large scale projects, on which funding by federal agencies required strict construction compliance.



TEAM ORGANIZATION





PROJECT EXPERIENCE

Client: Sharyland Water Supply Corporation

Size: Public

Date: January 2010- 2013

Contract Value: \$17,714,322.35

Architect: None

Contractor: RP Constructors

Staff Members: Project Leads- Randall C. Winston,

P.E.

Project Summary: SWG pursued and obtained funding in the amount of \$25,000,000 from USDA for the complete design, development, and construction of a new 8 MGD Water Treatment Plant, being WTP No. 3 for SWSC, as well as other system improvements. As part of the improvements to the system, SWG also designed a 1 MG EST. Project was completed as per contract budget and schedule.





Client: City of Mercedes

Size: Public Date: 2019

Contract Value: \$350,000

Architect: None

Contractor: Bell Water Works

Staff Members:

Project Summary: Rehabilitation and modernization of a 2 MGD water well, which went unused for several years due to disrepair and a need for rehabilitation. Designed method of rehabilitation, as well as new pump system and controls. The project now provides over 1.5 MGD of clean water to the City's residents, saving a substantial amount of expenses in treatment and sludge disposal.



Request for Qualifications- Engineering Services for the Colorado Acres RO Water

Treatment Plant Renovations Project

RFQ No. 2020-010

Client: City of La Feria

Size: Public **Date:** 2011- 2019

Contract Value: \$18,862,460.00

Architect: None

Contractor: RM Walsdorf

Staff Members: Mr. Joseph B. Winston Jr., P.E.

Summary of Relevant Project:

City of La Feria Comprehensive Water and Wastewater Improvements

These two planning projects produced very detailed engineering studies in regards to the existing and proposed wastewater systems of the City of La Feria. The EDAP Facility Plan provides wastewater collection and treatment to area colonias (rural subdivisions) that were not previously served. The updating of the Master Plan, and the wastewater facilities section in particular, was to determine the condition of the existing system, to determine if any problems existed, to determine what future improvements would be required, and the estimated costs for current and future improvements. Using the facility plan, designs were developed, plans and specification were prepared and contracts were issued for the City. Our firm has provided consulting engineering services to the City of La Feria since 1949, and for over 30 wastewater projects.

City of La Feria selected SWG Engineering to file an application with Texas Water Development Board in 2011 to obtain funding for Sanitary Sewer Improvements for recently annexed areas. Once funding was obtained in the amount of \$7,000,000, SWG designed and prepared contract and bidding documents for the installation of 40,900 LF of sanitary sewer pipe, varying in sizes from 6" to 18", including service connection for each dwelling. The project consisted of:

- Kansas City Lift Station
- o Business 83 and Rabb Road Lift Station
- Kubisky Lift Station
- Wastewater lines to west colonias, sewer hook ups, and septic tank decommissioning
- Wastewater lines Main Street (FM 506), Strader Lane, Kansas City, Parker Road and Beddoes Road, sewer hook ups, and septic tank decommissioning

Additionally, the City of La Feria also selected SWG Engineering to file an application with Texas Water Development Board in 2011 to obtain funding for Water Distribution Improvements for various recently annexed areas. Once funding was obtained in the amount of \$7,167,700.00, SWG designed and prepared contract and bidding documents for the installation of 46,600 LF of water line varying in sizes from 6" to 12". The project consisted of:

- o 2,675 Water Meters (entire city)
- o 16,600 LF of 6" to 12" Water Lines for the West Colonias
- o 30,000 LF of 6 to 12" Water Lines for recently annexed areas east of La Feria
- o UV Water Treatment Plant
- Replaced MCC (Motor Control Center) and added SCADA (Supervisory Control And Data Acquisition) systems



RFQ No. 2020-010



Client: Delta Lake Irrigation District

Size: Public

Date: 2018 – Present

Contract Value: \$3,200,000.00

Architect: None

Contractor: Contech Engineered Solution LLC

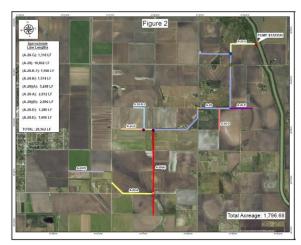
Staff Members: Project Leads- Randall C. Winston, P.E.

and Isaac Huacuja, EIT

Project Summary: Canal to Pipeline Conversion of

Canal A-20 and Pump Station

For this important project, a grant from the Bureau of Reclamation (BOR) of \$1,000,000 was procured by the SWG to aid in the cost of construction.



The project will convert approximately **28,000 linear feet** (~5.3 miles) of deteriorated canal into a modern pipeline system. **This 36"-18" pipeline** will contain flowmeters at strategic points to monitor water flow, and has sluice gates and line gate valves at specific locations to isolate pipeline sections as necessary. Additionally, the main diesel pump station will be deleted and has been designed to be replaces as a **state-of-the art pump station**, **with VFD controlled twin electric pumps**, which will enable the deletion of 5 total diesel pump stations in the system. The flow meters will also connect to this master pump station, and the entire system will be capable of being monitored and controlled remotely.

The deletion of these diesel pump stations will significantly lower operation and maintenance costs to the District, while eliminating any contamination from them. Additionally, and the primary reason why the BOR funded the project, the canal conversion to pipeline project is anticipated to save approx. 2,050 acre-feet of water, being **668 million gallons, per year.**

Client: City of La Feria

Size: Public **Date:** 2009- 2013

Contract Value: \$4,500,000.00

Architect: None

Contractor: Meridian Solar Inc.

Staff Members: Mr. Joseph B. Winston Jr., P.E.

Project Summary: SWG Engineering was hired by the City of La Feria to meet TCEQ compliance for discharge at the Lagoon System. SWG designed the new mechanical Wastewater Treatment Plant, along with green technologies such as solar cells to partially power the system. The solar power panels installed at the Water Treatment Plant now supply approximately 40% of the power needed to run the pumps. This also included tertiary treatment for the wastewater.







REFERENCES

1. Reference: Sharyland Water Supply Company Contact: Ms. Sherilyn Dahlberg, General Manager Address: P.O. Box 1868, Mission, TX 78573

Phone: (956)585-6081

Email Address: sdahlberg@sharylandwater.com

2. Reference: City of Mercedes

Contact: Mr. Sergio Zavala, City Manager

Address: 400 S. Ohio Ave., Mercedes, TX 78570

Phone: (956)565-3114

Email Address: szavala@cityofmercedes.com

3. Reference: City of La Feria

Contact: Mr. Jaime Sandoval, City Manager

Address: 115 E. Commercial Ave., La Feria, TX 78559

Phone: (956)797-2261

Email Address: jsandoval@cityoflaferia.com

4. Reference: City of Donna

Contact: Mr. Jonas Gonzalez, Director of Public Utilities

Address: 307 S. 12th St., Donna, TX 78573

Phone: (956)464-3314

Email Address: jgonzalez@cityofdonna.org

5. Reference: Delta Lake Irrigation District Contact: Mr. Troy Allen, General Manager

Address: 10370 Charles Green Rd., Edcouch, TX 78538

Phone: (956)262-2101

Email Address: troy@deltalakeid.org



FUNDING PROCUREMENT

PROJECT MANAGEMENT

Being a full-service firm, and always being mindful of the project owners' bottom line, SWG Engineering provides Funding Procurement services for any project we are involved in. Our management team has prepared numerous grant application over 30 years in municipal government. Many of these applications funded and accounted for millions of dollars of infrastructure improvements including water and sewer systems, drainage systems, streets, parks, downtown revitalization, housing, economic development, emergency management, first responder facilities, and other capital improvements.

We've worked with large cities and small towns, and we've found that many times there is funding available that will save the owner from expending funds from their own budget, or that perhaps the owner is in dire need of a project they cannot afford at this time. In both of these cases, the owner would benefit from procuring project funding.

Our team of Administrators and Engineers work side by side to assemble a competitive, accurate application that exceeds the target Agency's requirements. We have worked with various types of funding, ranging from sub-market rate low interest loans, 100% grants, or a combination of both grant and loan, procured through various agencies and methods.

ADMINISTRATION EXPERIENCE

SWG has provided Funding Procurement Services to secure project funding from many local, state, and federal agencies, such as: TWDB, USDA, NADBANK/BECC, FEMA, CDBG, GLO, HUD, TDEM, EDA, TPWD, BOR, among others. SWG Engineering has over 30 years of municipal funding experience including financial management, identifying grant resources, grant writing, and grant management.

ENVIRONMENTAL CLEARANCE PROCEDURES

In addition to the funding procurement itself, SWG also has experience executing environmental clearance procedures from inception through completion, to include initiating the environmental process by coordinating contact with applicable state agencies, such as Texas Historical Commission, EPA, Tribal Organizations, and U.S. Fish and Wildlife Service, to completion of the Environmental Review Record. Our firm is knowledgeable with the provisions of a full Environmental Assessment (EA), Categorical Exclusions (CE), Preliminary Engineering Reports (PER), Environmental Reports (ER), various Water Reports, Benefit Cost Analyses, and is capable of executing all to completion. For more than 30 years we have contracted with the Texas General Land Office as an Environmental Service Provider to complete the environmental assessments for communities that were affected by Hurricanes Dolly and Ike, increasing our knowledge of the regulations required for environmental approval.

A few of our most recent successfully secured funds are for the following project:





Bureau of Reclamations (BOR)

Delta Lake Irrigation District Canal Lining \$1,000,000.00 https://www.usbr.gov/watersmart/weeg/docs/2018/FY2018 -WEEG-Project-Descriptions.pdf

Federal Emergency Management Agency (FEMA)

- City of Lyford HMGP Drainage Improvements \$750,000.00 (TDEM)
- City of La Feria HMGP Drainage Improvements \$500,000.00
- City of La Feria HMGP Drainage Improvements \$ 2,600,000.00





North American **Development Bank**

General Land Office (GLO)

City of La Feria Water and Wastewater Improvements \$ 16,000,000.00

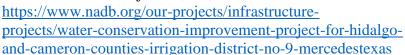
Housing and Urban Development (HUD)

City of La Feria(CDBG) \$13,000,000.00 https://www.nadb.org/our-projects/infrastructureprojects/water-and-wastewater-improvements-project-inla-feriatexas





Hidalgo & Cameron Counties Irrigation District Water Conservation Project \$1,250,000.00



City of La Feria Water and Wastewater Improvements \$13,820,000.00

https://www.nadb.org/our-projects/infrastructureprojects/water-and-wastewater-improvements-project-in-laferiatexas

Texas Parks & Wildlife Department (TPWD)

- City of Port Isabel Washington Park \$150,000.00
- City of La Feria Nature Center
- City of Los Indios Park \$150,000.00









Texas Water Development Board (TWDB)

- City of La Feria Water & Wastewater Improvements \$15,000,000.00
- City of Ingram Sanitary Sewer Line Improvements \$1,000,000.00
- Delta Lake Irrigation District Canal Lining \$60,000.00
- City of Mercedes Capisallo Subdivision Sanitary Sewer and Lift Station \$2,500,000.00

United Stated Department of Agriculture (USDA)

- Sharyland Water Supply Corporation Water Treatment Plant No. 3 \$25,000,000.00
- City of Ingram Wastewater Improvements \$ 10,600,000.0







Rio Grande Valley Branch

AWARDS AND ACCOLADES

American Society of Civil Engineers- Rio Grande Valley 2019 Civil Engineer of the Year

Randall C. Winston PE., President of SWG Engineering LLC., was recognized and awarded the 2019 Civil Engineer of the Year award on behalf of his 34 years of leadership in the public works industry. Mr. Winston has devoted his life to helping the Rio Grande Valley and beyond improve their quality of life and sustainability within their communities by providing innovative solutions with every design.

Among Mr. Winston's most recent accomplishments is the recent award by the City of Weslaco as Design Engineers for a \$4.7 Million dollar drainage project. This issue was identified during the recently completed Drainage Master Plan and made part of the 2019 bond projects, both prompted by the 2018- 100 year storm event and the 2019- 500 year storm event.

American Society of Civil Engineers- Rio Grande Valley 2019 Innovative Project of the Year:



Canal to Pipeline Conversion of Canal A-20 Primary Leads: Mr. Randall C. Winston PE. & Mr. Isaac Huacuja, EIT

The Delta Lake Irrigation District canal to pipeline conversion project is an ongoing project, which has been in development for almost two years, and has an estimated construction timeline of two additional years. A grant from the Bureau of Reclamation (BOR) of \$1 Million dollars was procured by SWG to aid in the cost of construction of this important project.

The project will convert approximately 28,000 linear feet (~5.3 miles) of deteriorated canal into a modern pipeline system. This pipeline will contain flowmeters at strategic points to monitor water flow, and has sluice gates and line gate calves at specific locations to isolate pipeline sections as necessary. Additionally, the main diesel pump station will be deleted and has been designed to be replaced as a state-of-the-art pump station, with VFD-controlled twin electric pumps, which will enable the deletion of 5 total diesel pump stations in the system. The flow meters will also connect to this master pump station, and the entire systems will be capable of being monitored and controlled remotely.

The deletion of the diesel pump station will significantly lower operation and maintenance costs to the District, while eliminating any contamination from them. Additionally, and the primary reason why the BOR funded the project, the canal conversion to pipeline project is anticipated to save approximately 2,050 acre-feet of water, being 668 million gallons, per year.



The Associated General Contractors of America- Rio Grande Valley Chapter 2019 Engineering Firm of the Year

Recently recognized, SWG Engineering LLC is a local civil engineering firm native to Weslaco, Texas, established in 1945. Since then, has been taken over by Mr. Randall C. Winston PE., and his father Mr. Joseph B. Winston Jr., whose grandfather and father was among one of the original founders of the firm. Now with locations in both Weslaco, Texas and McAllen, Texas, SWG continues to provide and apply innovative and cost-effective strategies to every project.

RFQ No. 2020-010



RESUMES

Randall C. Winston, P.E., MECE

President

Weslaco, TX 78596

(956) 968-2194

randy@siglerwinstongreenwood.com

EDUCATION

Texas A&M University

Master of Engineering, Civil Engineering, Environmental Eng. Dept.

1988

Texas A&M University

Bachelor of Science in Civil Engineering

1985

REGISTRATION

Professional Engineer State of Texas No.: 70417

WORK EXPERIENCE

Environmental Projects, Water Treatment, Wastewater Treatment, Solid Waste Management, Industrial Wastewater and General Civil Engineering

SWG Engineering, Weslaco, Texas - January, 1989 - Present

Environmental Engineering Lab Instructor and Lecture Substitute

Texas A&M University, College Station, Texas - June, 1987 - December, 1988

General Civil Engineering and Consulting

Sigler, Winston, Greenwood & Assoc., Inc., Weslaco, Texas December, 1985 - June, 1987

PROFESSIONAL AFFILIATIONS

- Tau Beta Pi Engineer Honor Society
- American Society of Civil Engineers (ASCE)
- National Society of Professional Engineers (NSPE)
- Texas Society of Professional Engineers (TSPE)

OTHER AFFILIATIONS

- Member of Rotary Club
- Past-President of Weslaco Rotary Club (1996-1997)
- Weslaco Chamber of Commerce
- Redcoat Ambassador

SUMMARY OF WORK EXPERIENCE

- Delta Lake Irrigation District Canal A: 28,500 LF of Canal Conversion to 36" and 24" Pipeline Design and Project Management
- Delta Lake Irrigation District Canal A: Procurement of \$1M US Bureau of Reclamations grant
- Progreso Bridge Co. Port of Entry: Paving and Detention Pond Design

RFQ No. 2020-010



- Sharyland Water Supply Corporation Design and Construction of Water Treatment Plant NO. 3
- Sharyland Water Supply 1.0 MG Elevated Water Tower
- Sharyland Water Supply WTP #1: USDA \$6 Million Funding Coordination
- City of Donna 1.0 MG Elevated Water Tower
- City of Ingram Wastewater Improvements Phase I
- City of Ingram Wastewater Improvements Phase II
- City of Ingram Lift Station No. 1 and No. 2
- Solid waste disposal sites and transfer stations.
- City of Weslaco EDAP Facility Plan
- Weslaco T- Mobile: Civil Site Grading, Paving, and Detention Pond Design
- Landfill Closure for the City of McAllen.
- Landfill Surveying and Engineering for BFI Landfill, Donna, Texas.
- Water distribution study for the Sharyland Water Supply Corporation.
- Odor control study for the City of Weslaco Wastewater Treatment Plant and Collection System.
- Wastewater pretreatment plant for Southern Frozen Foods packing plant in Alamo (a 0.5 million gallon per day flow, 1,210 mg/l BOD₅ average).
- Study and pilot program for the City of La Feria using manmade wetlands as secondary treatment for lagoon effluent.
- City of Weslaco Economically Distressed Areas Program (EDAP) Facility Plan.
- City of McAllen Wastewater Treatment Plant No. 3, Four (4) Million Gallon Per Day Addition.
- Environmental Assessment for Hidalgo County Irrigation District No. 6 for a loan application to the United States Bureau of Reclamation. Complete archeological and environmental coordination with Local, State and Federal Agencies with approval for this project was done in this report.
- Multiple site work for HEB Stores located across the Valley: Ware Road HEB, McAllen; Weslaco HEB; Mercedes HEB; and subdivision work on Alamo HEB.
- Subdivision and site work for Weslaco Luby's Cafeteria.
- Weslaco Independent School District/ South Palm Gardens -- Septic tank design and drain field.
- City of Weslaco City Engineer from 1990 to 2006, 2018 Current
- City of McAllen Water Treatment Plant 2 MGD addition to the North Treatment Plant to bring total permitted capacity to 8 MGD.
- City of Weslaco Odor Control for North Wastewater Treatment Plant
- City of Weslaco 1 MGD Addition Extended Aeration Wastewater Treatment Plant
- City of Weslaco Study and Master Plan for Water and Wastewater Facilities
- City of Weslaco La Colonia Las Palmas Sewer Improvements
- City of McAllen Rehabilitation of Sludge Beds at WWTP No. 2
- City of McAllen PUB Sludge Handling Facility Pilot Study and Recommendations
- City of McAllen Highland Lift Station
- City of Weslaco Re-Design of Pumps and Motors and Controls for LS No. 27

RFQ No. 2020-010



Joseph B. Winston, Jr., P.E. R.P.L.S.,

Vice President

Weslaco, TX 78596

(956) 968-2194

joe@siglerwinstongreenwood.com

EDUCATION

Texas Tech University

Bachelor of Science in Civil Engineering

1966

REGISTRATION

Professional Engineer State of Texas No.: 31109 Registered Public Surveyor of Texas No.: 3780

WORK EXPERIENCE

Principal-Consulting Engineering Firm of SWG Engineering, LLC. Weslaco, Texas 1969 – Present

Junior Engineer-Winston & Greenwood, Consulting Engineers, Mercedes, Texas 1966-1969

PROFESSIONAL AFFILIATIONS

- Member of Texas Society of Professional Engineers
- Member of American Society of Professional Engineers

SUMMARY OF WORK EXPERIENCE

- Served as City Engineer on a retainer basis for the cities of Alamo, Texas, and City of San Juan, Texas
- Currently serving as City Engineer on a retainer basis for the City of Mercedes, Texas, and the City of La Feria, Texas
- Prepared EDA Application for Water Distribution and Wastewater Collection System Improvements for the City of Weslaco
- Prepared EDA Application for Water Treatment and Water Distribution Improvements for the City of Alamo
- Engineer in charge of 750,000 Gallon Elevated Composite Water Tank for City of Mercedes
- Engineer in charge of 500,000 Gallon Composite Elevated Tank
- Engineer in Charge of Water Treatment Plant Renovation, Water Treatment Plant Expansion, Water Distribution Additions, Wastewater Treatment and Collection Improvements for the City of Alamo
- Assisted with collection and analysis of water samples for Area Wide Plan for Sewerage Treatment Facilities for the Rio Grande Valley Pollution Control Authority/Lower Rio Grande Valley Development Council
- Assisted with the Non-Point Source Report for the Lower Rio Grande Valley Development Council 208 Water Quality Program
- Directed gathering and analysis of data for the Flood Insurance Survey of several cities in Hidalgo County
- Prepared Master Plan and Studies for DHUD Water Improvements, Wastewater Improvements, Paving and Drainage Improvements for the City of San Juan
- Engineer in Charge of Water Treatment Plant Renovation, Water Treatment Plant Expansion, water Distribution Improvements, Development of Raw Water Reservoir, Wastewater Collection Improvements, Wastewater Treatment Plant Expansion, Storm Water Improvements, and Paving Improvements for the City of San Juan
- Prepared Solid Waste Permits for the Cities of Mercedes, Alamo, San Juan, and McAllen
- Assisted the City of Harlingen Water Works System with full-time residence inspection services for the New 15 MGD M.F. Runnion Water Treatment Plant and Reservoir and with Water Distribution Improvements
- Chairman for three years of the Lower Rio Grande Valley Development Council's Pre-Application Review Panel

RFQ No. 2020-010



- Engineer in Charge of the 2.0 MGD Loma Alta Water Treatment Plant and Above Ground storage Tank for the Brownsville Navigation District
- Engineer in Charge of Report, Plans and Specifications for the Rehabilitation of Irrigation and Drainage Facilities of Hidalgo County Water Improvement District No. 5, Progreso -- a project with more than \$ 6,000,000 in construction costs
- Engineer in Charge of the Improvements, Additions, or New Construction of Several Mobile Home Parks -- Llano Grande, Alamo Palms, Winter Ranch, etc.
- Improvements to Water Treatment Plant No. 1, including a New Clearwell, City of McAllen.
- Engineer in Charge of 54" Raw Water Line, two 7.5 MGD Expansions, Three 2 Million Gallons Above Ground Storage Tanks with Transfer Pumping, Four Additional High Service Pumps, including Building, a \$ 4,500,000 -- 8.0 MGD Addition, SCADA Instrumentation, and Exterior Improvements for the Southwest Water Treatment Plant (formerly Water Treatment Plant No. 2), City of McAllen.
- Rehabilitation of Water Treatment Plant for the City of Roma.
- Assisted with Chlorination-Dechlorination, and Instrumentation for Wastewater Treatment Plants No. 2 and 3, City of McAllen.
- Assisted with Municipal Park Improvements for the cities of Hidalgo, Mercedes, and La Feria, including Swimming Pool Improvements for the City of Hidalgo and City of Mercedes.
- Engineer in Charge of 24-inch Distribution Main Improvements for the City of McAllen.
- Engineer in Charge of the Cleaning and Repairing of Elevated and Ground Storage Tanks for the cities of Laredo, San Juan Alamo, Mercedes, and La Feria.
- Assisted architectural firm with the development of a wastewater disposal system for the Zenith Electronics Maquiladora Plant in Mexico
- Engineer in Charge of report, and plans and specifications for two separate projects for the Relocation of Utilities within IH 35 for the Laredo Waterworks System
- Engineer in Charge of Repairs to Raw Water Intake Screens and Pumps for the Laredo Waterworks System
- Engineer in Charge of the Renovation of the 18.0 MGD Water Treatment Plant No. 1 including New Equipment for Mixing, Settling, Electrical, Chemical, Instrumentation, Piping, Valves, etc., for the Laredo Waterworks System. Also included was coordination with architect of major architectural improvements
- Engineer in Charge of plans and specifications for the Renovation for the Chemical Feed Equipment for Water Treatment Plant No. 2, Laredo Waterworks System
- Engineer in Charge of Water Rate Study for the City of San Juan and the City of Mercedes. Assisted with water rate studies for the Laredo Waterworks System and the City of McAllen
- Engineer in Charge of the Renovation of the 1.3 MGD Wastewater Treatment Plant including Additional Sand Drying Beds, and the Addition of a 1.0 MGD Extended Aeration Wastewater Treatment Facility for the City of Mercedes
- Engineer in Charge of the Renovation of the Water Treatment Plant for the City of Mercedes, and the Addition of a Residual Management Basin, and a 1.2 MG Clearwell
- Engineer in Charge of Developing a Supplemental Water Well, Storage and Pumping Facilities for Southern Frozen Foods in the City of Alamo
- Engineer in Charge of Renovation of Water Treatment Plant, including Adding Clarification, 500,000 Gallon Clearwell, and Chemical Feed System for the City of La Feria
- Engineer in Charge of Additional Wastewater Treatment Capacity in the form of oxidation lagoons for the City of La Feria
- Engineer in Charge of Parking Facilities, Bus Service Roads, Tennis Courts, and Other Site Improvements for the Mercedes Independent School District
- Engineer in Charge of Rehabilitation of the Water Treatment Plant of Phoenix Frozen Foods in Monte Alto
- Engineer in Charge of Field Work and Site Development of Two Industrial Parks for the City of Mercedes
- Prepared Applications for the Innovative and Alternative Technology Funding for Land Application of Wastewater and Sludge for the city of McAllen



- Engineer in Charge of Rehabilitation of Major Lift Stations for the City of Mercedes
- Preparation of Solid Waste Site Closure Plans for the City of Mercedes and the City of McAllen
- Engineer in Charge of Field Work and Site Development of Two Industrial Park Sites for the City of La Feria
- Engineer in Charge of Plans and Specifications for Water Distribution Improvements, Wastewater Collection Improvements, Paving and Drainage Improvements for the City of Mercedes from 1978 to currently
- Engineer in Charge of Plans and Specifications for Water Distribution, Wastewater Collection and Paving and Drainage Improvements for the City of La Feria from 1976 to currently
- Prepared Study and Analysis of Leaks in a 30"/36" Raw Water Line serving CPL's J.L. Bates Power Station.
- Engineer in Charge of Solid Waste Transfer Stations for the City of La Feria and the City of Mercedes
- Engineer in Charge of O&M Manual for the City of Mercedes Wastewater Treatment Improvements
- Prepared Feasibility Study for Additional Water Treatment Plant Capacity for the City of McAllen
- Provided Engineering Analysis and Costs for City of La Feria Master Plan
- Prepared a Joint Drainage Study for the City of La Feria and La Feria Irrigation Dist. No. 3
- Engineer in Charge for Economically Distressed Areas (EDAP) Application and Facility Plan for the City of Mercedes
- Engineer in Charge of Disinfection Studies for the Cities of La Feria, Mercedes, and McAllen
- Engineer in Charge of Site Improvements for HEB Grocery in the Cities of Weslaco and Pharr
- Engineer in Charge of Bridge over Anacuitas Seco Drain and Box Culvert and New Floodway Levee Structure for Hidalgo County Drainage District's Drainage Improvements in the City of Mercedes
- Assisted Mejia and Rose, Inc. with Water Treatment Improvements to the City of Los Fresnos Water Treatment Plant Engineer in Charge of Plans and Specifications for a New Municipal Water Well for the City of Mercedes

RFQ No. 2020-010



Jose G. Reyes, P.E.

CONSULTING ENGINEER

Weslaco, TX 78596 (956) 968-2194 jreyes@siglerwinstongreenwood.com

EDUCATION

University of Texas at San Antonio

Bachelor of Science in Mechanical Engineering

1995

REGISTRATION

Professional Engineer State of Texas No.: 93827

SWG Engineering, LLC	Weslaco, Texas
Senior Project Engineer	09/2017 – Present
Eberle Materials, Inc	05/2017 Tesent
Project Manager	2016-2017
Clore Construction Co.	
Senior Project Manager	2015-2015
EISG, Inc.	
Contractor Quality Control Systems Manager	2014-2015
M Garcia Engineering, LLC	
Senior Project Manager	2013-2014
Guzman & Munoz Engineering & Surveying, Inc.	
Senior Project Manager	2010-2012
Ballenger Construction	
Contractor Quality Control Systems Manager	2010
Dos Logistics, Inc.	
Project Manager	2008- 2009
TEDSI Infrastructure Group	
Project Manager	2002-2008
S & B Infrastructure, LTD.	
Assistant Engineer	1999-2002
J. Saenz & Assoc.	
Design Engineer	1999

PROFESSIONAL AFFILIATIONS

- Member of Texas Society of Professional Engineers
- Member of National Society of Professional Engineers
- Member of American Society of Professional Engineers
- Member of American Society of Civil Engineers

SUMMARY OF WORK EXPERIENCE

- City of Donna: Proposed Offsite Waterline Improvements, Wastewater and Water Improvements Phase 2 for The Shops at 493 Subdivision: Engineer in charge of Design and Construction.
- Proposed Paving Improvements and Drainage Improvements for The Shops at 493 Subdivision Phase 2: Engineer
 in charge of Design and Construction.

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- Proposed 12" Offsite, Interconnecting Waterlines and Existing Elevated Tank Improvements: Engineer in charge of Design and Construction.
- SWSC's WTP #2: Paving and Drainage Improvements: Engineer in charge of Design and Construction.
- SWSC's 10,100 LF of 12" WL: Transmission: Engineer in charge of Design and Construction.
- City of Port Isabel Medians: Civil Improvements: Engineer in charge of Design and Construction.
- City of Port Isabel Washington Park: Civil Improvements: Engineer in charge of Design and Construction.
- City of Harlingen I.S.D: Paving and Drainage: Engineer in charge of Design and Construction.
- City of Port Isabel Garcia Street: Engineer in charge of Design and Construction.
- NAWSC's 5100 LF of 6" WL: Engineer in charge of Design and Construction.
- City of Los Indios Community Park: Civil Improvements: Engineer in charge of Design.
- City of Mercedes Community Center: Civil and Paving Design: Engineer in charge of Design and Construction.
- City of Donna Waterline Interconnect Improvements: Civil Design: Engineer in charge of Design.
- City of Weslaco Pleasantview and 11th Street: Civil and Drainage Design: Engineer in charge of Design of Crossings and Ditch Improvements.
- City of Weslaco: Designed of Subdivision, Engineer in charge of Plat and Construction Plans.
- City of Weslaco IBWC Levee: Civil Design: Engineer in charge of Design and Construction.
- Long Island Village: Civil Design: Engineer in charge of Design of Water, Wastewater and Paving Improvements.
- Hidalgo County: Designed of Subdivision, Engineer in charge of Plat and Construction Plans.
- City of Weslaco: Designed of Subdivision, Engineer in charge of Plat and Construction Plans.
- City of McAllen: Designed of Subdivision, Engineer on charge of Plat and Construction Plans.
- UTRGV –IEAS Building and UTRGV Science Building
- USIBWC, LRGFCP, Progeso Levee: (Project length 6 miles)
- USIBWC, LRGFCP, North Floodway and Arroyo Colorado Levees: (Project length 26.8 miles)
- Mission Levee, Common Levee/Anzalduas Dike Improvements, USIBWC/DHS
- Colonias Access Program (CAP)
- Anzalduas International Bridge
- Responsible for the management and administration of the Project.
- Morrison Rd., Responsible for management and administration. For the design of the schematic layout and then continued with the PS&E. Designed the horizontal alignment using existing survey data and TxDOT Roadway Design Manual criteria
- Mile 6 West, Responsible for roadway pay quantities, and design of pavement markings as per TxDOT standards and the Texas Manual on Uniform Traffic Control Devices (TMUTCD).
- Mile 2 WEST, Responsible for the pavement quantity calculations and roadway design for Schematic Layout. Developed transition lengths sections as per TxDOT Standards. Prepared Plans and Profiles, Sign Summaries, SW3P's, Pavements Markings and TCP's. Sized culverts and developed culverts layout as per TxDOT Standards
- IH 35 RAMP SCHEMATIC, Responsible for evaluating different ramp alternatives alignments for IH 35. Developed typical sections for the proposed on and off ramps as per TxDOT standards.
- JBS PARKWAY, Odessa, TX, Developed all the required documentation for TxDOT Public Meetings.
 Developed Pre-Construction Estimates and Project Layouts for the proposed interchanges configurations alternatives.
- US 83/SH 359 Laredo, TX, Developed plans and profiles, design roadway typical sections, and calculate pavement quantities. Developed project cost summaries using HIGH ESTIMATOR PROGRAM.

RFQ No. 2020-010



ISAAC HUACUJA, E.I.T.

CONSULTING ENGINEER

Weslaco, TX 78596

(956) 968-2194

isaac@siglerwinstongreenwood.com

EDUCATION

The University of Texas Rio Grande Valley **Master of Science in Civil Engineering**

Spring 2019-Present

The University of Texas Rio Grande Valley **Bachelor of Science in Civil Engineering**

Texas A&M University

Agricultural and Biological Engineering

TBPE P.E. Exam PASSED 04/2018

WORK EXPERIENCE

SWG Engineering, LLC

Weslaco, Texas 09/2017 – Present

Project Engineer

Company specializes in assisting public & private entities on various engineering issues.

- Consulting Civil Engineering: Design and development of various concurrent projects concerning Water Resources, Water Treatment, Wastewater Treatment, Groundwater, Water Distribution, Wastewater Collection, Stormwater Drainage, Flood Mitigation, Agricultural Irrigation Systems, Environmental Engineering, Water Systems, Hydraulic Modeling, Pump Systems, among others.
- Procurement of Federal, State and Local Funding Agencies such as FEMA, TDEM, USBOR, USDA, TWDB, TPWD, among others.
- Assist local government and entities, ranging from Municipalities to Districts, in the successful completion
 of projects, from funding procurement, preliminary study and analysis, engineering design and plans, to
 construction management.

DHM Construction Project Manager (Remote)

West Jordan, Utah 07/2016 – 09/2017

Company specializes in reconstruction and rehabilitation of residential properties.

- Approved projects, budgets, and bids, vetted contractors, handled draw requests, ensured contractors worked within schedule and scope, created project schedules, commissioned site inspections, maintained accountability of budget funds, and ensured the overall successful completion of several concurrent projects.
- Commonly handled 1-12 projects concurrently, with budgets between \$25K-75K. Completion rate per construction was typically between 2 to 4 months. Revised and approved dozens of budgets with a combined total of over \$2M. Maintained communications between the company, client, and contractors throughout duration of projects.

Covering America LLC

Brownsville, Texas 01/2015 – 05/2017

Concrete Construction Manager

Company specializes in concrete floors and foundations, specifically in laser screeding and industrial floor finishes.

RFQ No. 2020-010



- Participate in several aspects of daily operations, such as site visits, cost estimations, proposals, bids, and management. Jobs during my employment consisted of the construction and laser leveling of +100 of concrete floors and foundations for several national retail chain clients.
- Jobsites ranged from 7,000 ft² commercial retail properties to 20,000 ft² warehouses.

SKILLS & ACCOMPLISHMENTS

- -Proficient in SolidWorks, InventorPro, LabView, M. Office, Surveying, Spanish, SCUBA
- -Project Engineer for ASCE-RGV's "Innovative Project of the Year 2019"
- -American Society of Civil Engineers-RGV: Board Director and Treasurer

RELEVANT PROJECTS

- SWSC's 1 MG Elevated Storage Tank: Project Management
- SWSC's 10,100 LF of 12" WL: Transmission Waterline Design and Project Management
- Weslaco T-Mobile: Civil Site Grading, Paving, and Detention Pond Design
- Progreso Bridge Co. Port of Entry: Paving and Grading Design
- SWSC's WTP #2: Paving and Drainage Improvements: Project Management
- City of Port Isabel Medians: Civil Improvements Design
- City of Port Isabel Washington Park: Civil Improvements Design
- City of Harlingen C.I.S.D: Preliminary Paving and Drainage Design support
- City of Port Isabel Tarnava Street: Paving Design and Project Management
- City of Port Isabel Garcia Street: Traffic Control Design and Project Management
- NAWSC's 5,100 LF of 6" WL: Waterline Design and Project Management
- City of Los Indios Community Park: Civil Improvements Design
- DLID Canal A: 28,500 LF of Canal Conversion to 36" and 24" Pipeline Design and Management
- DLID Canal A: Procurement of \$1M US Bureau of Reclamations grant
- SWSC's WTP #1: USDA \$6M funding coordination
- SWSC's GSTs: Rehab and recoat project management
- City of Mercedes Community Center: Civil and Paving Design; Electrical, Landscaping, and Irrigation Project Management
- City of Laredo Love's Truck Stop: Feasibility analysis of water and wastewater services at remote location, including groundwater availability assessment, RO treatment, and wastewater onsite treatment and disposal
- City of Mercedes Water Well: Rehabilitation of abandoned water well; design and project management of 2.0 MGD system (35% of total water supply)
- City of Lyford Flood Mitigation: Procurement of \$750K HMGP funding and preliminary design of stormwater pump station and detention facility
- City of Mercedes Capisallo Subd. SS: preliminary design and funding procurement for ~\$2M new sanitary sewer service and lift station
- City of Mercedes Collier Pump Station: preliminary design of stormwater pump station and detention areas
- City of Mercedes Hike & Bike Trail: design and funding procurement for ~6 mile trail



PUBLIC NOTICE ADDENDUM NO. 1

WEBB COUNTY PURCHASING DEPARTMENT 1110 Washington, Suite 101 Laredo, Texas 78040 (956) 523-4125 (956) 523-5010

RFQ 2020-010 "Engineering Services for the Colorado Acres RO Water Treatment Plant Renovations Project"

To: All Interested Proposers

From: Joe A. Lopez III, CTPM

Webb County Purchasing Agent

Date: April 29, 2020

This Public Notice – Addendum No. 1 is to inform all interested parties and the public in general of the following modification to the Request for Qualifications (RFQ) 2020-010 posted in the Webb County eBid site on Monday April 27, 2020.

· The following language on page 4, Section 1. Background is being amended as follows:

Original language:

1. Background

The Colorado Acres Reverse Osmosis Water Plant came about as a solution to providing water to multiple colonias in the eastern boundaries of Webb County community called Las Lomas. The facility includes only one (1) groundwater well located in the boundaries of the existing facility. The production specifications of the original facility was designed for approximately 50,000 gallons per day of potable water under the registered TCEQ approved Public Water System 2400029. New capacity expectation is to handle 60,000 gallons per day.

Modification to language:

1. Background

The Colorado Acres Reverse Osmosis Water Plant came about as a solution to providing water to multiple colonias in the eastern boundaries of Webb County community called Las Lomas. The facility includes only one (1) groundwater well located in the boundaries of the existing facility. The production specifications of the original facility was designed for approximately 50,000 gallons per day of potable water under the registered TCEQ approved Public Water System 2400029. New capacity expectation is to handle up to 75,000 gallons per day.



PUBLIC NOTICE ADDENDUM NO. 2

WEBB COUNTY PURCHASING DEPARTMENT 1110 Washington, Suite 101 Laredo, Texas 78040 (956) 523-4125 (956) 523-5010

RFQ 2020-010 "Engineering Services for the Colorado Acres RO Water Treatment Plant Renovations Project"

To: All Interested Proposers

From: Joe A. Lopez III, CTPM

Webb County Purchasing Agent

Date: May 14, 2020

This Public Notice – Addendum No. 2 is to inform all interested parties and the public in general of the following modification to the Request for Qualifications (RFQ) 2020-010 posted in the Webb County eBid site on Monday April 27, 2020.

The following language on page 1, cover page is being amended as follows:

Original language:

Cover Page

Notice is hereby given that, Webb County is seeking formal Requests for Qualifications from qualified Professional Engineers to provide concept and design phase services to provide accurate drawings, specifications and other design documentation for this project. Preparation of construction documentation is required to assist with the bidding process utilizing any permitted procurement delivery method approved by Webb County Commissioners Court and in accordance with State procurement rules, in order to promote cost effective procurement, efficient construction, streamlined commissioning and start-up, and efficient operations of the Colorado Acres Reverse Osmosis (RO) Water Treatment Plant. Successful firm selected by Webb County must provide construction management and operational phase services throughout the duration of this project in order to provide a timely and efficient start-up, support a safe, eco-friendly, and efficient operation with maximum lifetime facility performance. Firms must assist Webb County with all TCEQ regulatory guidance and compliance, assist Webb County in securing the necessary permits and establish any operational/procedural manuals required to run a Public Water System as per State and Local rules and regulations. This solicitation is in accordance with the Government Code; Chapter 2254 (Professional and Consulting Services) (Professional Services Act).

Modification to language:

Notice is hereby given that Webb County is seeking formal Qualifications from qualified Professional Engineers to provide assistance to Webb County in developing Requests for Proposals (or other procurement method, as determined by the Commissioners Court) and reviewing Responses to the Request for Proposals as to specifications and other design elements for this project so that Webb County may determine which Proposal provides the best value to Webb County including the efficiency and regulatory compliance of the Proposed system. The services to be rendered by the



For vendor doing business with local governmental entity	FORM CIC	
This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.	OFFICE USE ONLY	
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).	Date Received	
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.		
Name of vendor who has a business relationship with local governmental entity. SWG Engineering, LLC		
Check this box if you are filing an update to a previously filed questionnaire. (The law re completed questionnaire with the appropriate filing authority not later than the 7th busines you became aware that the originally filed questionnaire was incomplete or inaccurate.)	s day after the date on which	
Name of local government officer about whom the information is being disclosed.		
N/A		
Name of Officer		
CIQ as necessary.	nauditorial pages to this i offi	
A. Is the local government officer or a family member of the officer receiving or li other than investment income, from the vendor? Yes X No B. Is the vendor receiving or likely to receive taxable income, other than investment of the local government officer or a family member of the officer AND the taxable i local governmental entity? Yes X No	kely to receive taxable income, income, from or at the direction	
A. Is the local government officer or a family member of the officer receiving or li other than investment income, from the vendor? Yes X No B. Is the vendor receiving or likely to receive taxable income, other than investment of the local government officer or a family member of the officer AND the taxable income governmental entity?	kely to receive taxable income, income, from or at the direction income is not received from the aintains with a corporation or	
A. Is the local government officer or a family member of the officer receiving or li other than investment income, from the vendor? Yes X No B. Is the vendor receiving or likely to receive taxable income, other than investment of the local government officer or a family member of the officer AND the taxable i local governmental entity? Yes X No Describe each employment or business relationship that the vendor named in Section 1 m other business entity with respect to which the local government officer serves as an of ownership interest of one percent or more.	income, from or at the direction income is not received from the aintains with a corporation or ficer or director, or holds an	

Form provided by Texas Ethics Commission

www.ethics.state.tx.us

Revised 11/30/2015



Texas Department of Agriculture Form H2048 January 2008

CERTIFICATION

REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION FOR COVERED CONTRACTS

PART A.

Federal Executive Orders 12549 and 12689 require the Texas Department of Agriculture (TDA) to screen each covered potential contractor to determine whether each has a right to obtain a contract in accordance with federal regulations on debarment, suspension, ineligibility, and voluntary exclusion. Each covered contractor must also screen each of its covered subcontractors.

In this certification "contractor" refers to both contractor and subcontractor; "contract" refers to both contract and subcontract.

By signing and submitting this certification the potential contractor accepts the following terms:

- The certification herein below is a material representation of fact upon which reliance
 was placed when this contract was entered into. If it is later determined that the
 potential contractor knowingly rendered an erroneous certification, in addition to other
 remedies available to the federal government, the Department of Health and Human
 Services, United States Department of Agriculture or other federal department or
 agency, or the TDA may pursue available remedies, including suspension and/or
 debarment.
- The potential contractor will provide immediate written notice to the person to which this certification is submitted if at any time the potential contractor learns that the certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- 3. The words "covered contract", "debarred", "suspended", "ineligible", "participant", "person", "principal", "proposal", and "voluntarily excluded", as used in this certification have meanings based upon materials in the Definitions and Coverage sections of federal rules implementing Executive Order 12549. Usage is as defined in the attachment.
- 4. The potential contractor agrees by submitting this certification that, should the proposed covered contract be entered into, it will not knowingly enter into any subcontract with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the Department of Health and Human Services, United States Department of Agriculture or other federal department or agency, and/or the TDA, as applicable.

Do you	a have or do you	anticipate havin	g subcontractors	under this	proposed	contract?
☐ Yes						



Texas Department of Agriculture

Form H2049 January 2008

CERTIFICATION REGARDING FEDERAL LOBBYING (Certification for Contracts, Grants, Loans, and Cooperative Agreements)

PART A. PREAMBLE

Federal legislation, Section 319 of Public Law 101-121 generally prohibits entities from using federally appropriated funds to lobby the executive or legislative branches of the federal government. Section 319 specifically requires disclosure of certain lobbying activities. A federal government-wide rule, "New Restrictions on Lobbying", published in the Federal Register, February 26, 1990, requires certification and disclosure in specific instances.

PART B. CERTIFICATION

This certification applies only to the instant federal action for which the certification is being obtained and 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 section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$100,000 for each such failure.

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

- 1. No federally appropriated funds have peen 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 any 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, or the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- 2. If any funds other than federally 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 these federally funded contract, subcontract, subgrant, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions. (If needed, contact the Texas Department of Agriculture to obtain a copy of Standard Form-LLL.)



WEBB COUNTY PURCHASING DEPT. QUALIFIED PARTICIPATING VENDOR CODE OF ETHICS AFFIDAVIT FORM

STATE OF TEXAS	*
	KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF WEBB	*
BEFORE ME the unde	ersigned Notary Public, appeared Randy C. Winston, P.E.
the herein-named "A	Affiant", who is a resident of Cameron County, State
of Texas	and upon his/her respective oath, either individually and/or behalf of their
	ity, do hereby state that I have personal knowledge of the following facts, d/or other matters set forth herein are true and correct to the best of my
Kilowiedge.	The state of the s
confirm that I have rev obligations and/or con County, Texas as set fo	ny respective authority/capacity on behalf of my company/entity do hereby iewed and agree to fully comply with all the terms, duties, ethical policy aditions as required to be a qualified participating vendor with Webb orth in the Webb County Purchasing Code of Ethics Policy posted at the ://www.webbcountytx.gov/PurchasingAgent/PurchasingEthicsPolicy.pdf
further acknowledge, a Texas on any active soli comply with the Code of debarment or make void to communicate with the regarding this policy to	my respective authority/capacity on behalf of my company/entity do hereby gree and understand that as a participating vendor with Webb County, icitation/proposal/qualification that I and/or my company/entity failure to f Ethics policy may result in my and/or my company/entity disqualification, I my contract awarded to me, my company/entity by Webb County. I agree e Purchasing Agent or his designees should I have questions or concerns ensure full compliance by contacting the Webb County Purchasing Dept. 6) 523-4125 or e-mail to the Webb County Purchasing Agent to
Executed and dated this	20 day of May , 2020.
1296	F. PFONS
Signature of Affiant	
Randy C. Winston, P.E	
Printed Name of Affian	t/Company/Entity
SWORN to and subscrib	bed before me, this who day you age, 20 20 NOTARY PUBLIC, STATE OF TEXASS



PROOF OF NO DELINQUENT TAXES OWED TO WEBB COUNTY

Name Randy C. Winston, P.E.	owes no delinquent	property taxes to Webb
County.	ando u Mila	
SWG Engineering, LLC	_ owes no property taxes	as a business in Webb County.
(Business Name)		
Randy C. Winston, P.E.	owes no property taxes	as a resident of Webb County.
(Business Owner)	W. 1271 2501	
7-1		
10/11=	PF	
Person who can attest to the above inf	ormation	
* SIGNED NOTORIZED DOCUMI WEBB COUNTY.	ENT AND PROOF OF N	NO DELINQUENT TAXES TO
The State of Texas		
County of Webb Before me, a Notary Public, on this da	v personally appeared	Porter (Di Daton know to
me (or proved to me on the oath of is subscribed to the forgoing instrumer purpose and consideration therein expr	nt and acknowledged to me	to be the person whose name
Given under my hand and seal of offic	ce this 8th day of M	ay 2020.
Notary Public, State of Texas		
		0
		Cynthia Meza
DENN	AND THE STREET	(Print name of Notary Public here)
My commission expires the <u>054</u> day	of OC+ 2000	
		14444444444
		CYNTHIA MEZA Notary ID #10636467 My Commission Expires October 15 1021