



RFQ 2023-007

# ARPA PROJECT NO. 13

WATERLINE EXTENSION PROJECT  
(MAIN WATER LINE ON MANGANA  
HEIN ROAD TO WATERLINES  
THROUGHOUT LA PRESA COLONIA)



IN ASSOCIATION WITH  
Valdez Engineering  
GDJ Engineering  
Howland Engineering



  
**ARDURRA**



[WWW.ARDURRA.COM](http://WWW.ARDURRA.COM)



# TRANSMITTAL LETTER

## RE: ARPA PROJECT NO. 13 - MAIN WATER LINE ON MANGANA HEIN ROAD TO WATERLINES THROUGHOUT LA PRESA COLONIA

Selection Committee:

Ardurra Group, Inc. (Ardurra) is pleased to submit our qualifications to support Webb County with American Rescue Plan Act (ARPA) ARPA Project No. 13 - Main Water Line on Mangana Hein Road to waterlines throughout La Presa Colonia. We understand the unique demands for this role — bringing lessons learned from the management of \$20B in federally funded recovery programs throughout the US and \$600M in ARPA funds administration currently underway. With growth in the County's horizon, we stand ready to support your ongoing efforts to provide the residents of Colonia La Presa with potable water services.

For 25 years, Ardurra has been supporting governmental entities throughout Texas with engineering and disaster response, recovery, and hazard mitigation efforts to include federal funding (FEMA, HUD, USDA, FHWA) application support and grant management, engineering advisory, engineering design, environmental services, and overall program compliance for \$2.5B in infrastructure and housing programs. More recently, we have assisted Texas clients to navigate COVID-19 related funds — including CARES and ARPA. We understand the funding flows as well as the associated local, state, and federal agencies and guidelines. We know the rules to ensure funding sources are maximized and not jeopardized. As you evaluate the submittals, we ask that you keep the following strengths of the Ardurra team in mind:

**WE KNOW WEBB COUNTY.** With established offices in Laredo, Corpus Christi, and San Antonio, Ardurra's Texas principals have been committed to local clients — large and small — to address their water, wastewater, drainage, and roadway infrastructure challenges. We have worked alongside Webb County as well as the City of Laredo to successfully deliver a variety of engineering projects. We understand the local landscape as well as County systems, processes, and departments; local infrastructure challenges; and local, state, and federal governing agencies and authorities.

**TRANSMISSION/DISTRIBUTION PIPELINE DESIGN.** Ardurra has strong experience in utility planning studies, investigations, pipeline design and rehabilitation, utility relocation design, and design and evaluation of lift stations improvements. We currently provide water and wastewater services through rotation list contracts for numerous municipalities. We are experts in water and wastewater planning, investigations, design and rehabilitation. We have designed pipelines in extremely congested, urban settings such as downtown Austin and San Antonio as well as Texas Department of Transportation major highways in the region such as IH-35, IH-10, IH-2, and IH-37. Ardurra also has extensive experience in several trenchless installation techniques to address major crossing in the alignment and minimize disruption to vehicular traffic. We are experienced in the use of Subsurface Utility Engineering (SUE) for pipeline.

- Our Team has a tremendous amount of experience permitting utility projects through local, state, and federal agencies. Together, our Team has permitted over 100 projects in South Texas.
- Our Team understands the importance of detailed traffic control plans, with detour routes clearly defined and that allow ingress and egress for residents and emergency vehicles at all times.
- Ardurra recognizes the importance of keeping the public and the environmental community in mind during the design and construction process - taking precaution to minimize disturbance to

November 14, 2022

**WEBB COUNTY**

1110 WASHINGTON ST  
SUITE 101  
LAREDO, TX 78045



2022 ENR SOURCEBOOK RANKINGS	#13	WASTEWATER TREATMENT PLANTS
	#19	TRANSMISSION LINES & AQUEDUCTS
	#23	WATER SUPPLY
	#14	WATER TREATMENT, DESALINATION PLANTS
	#21	SEWER & WASTE
	#24	SANITARY & STORM SEWERS



6010 MCPHERSON ROAD  
SUITE 110  
LAREDO, TX 78041

956.462.5511

[ARDURRA.COM](http://ARDURRA.COM)

neighborhoods and natural resources.

**TRANSMISSION/DISTRIBUTION PIPELINE DESIGN.** Ardurra is currently managing \$600M in ARPA funds for clients throughout the US. We understand the complexities of a new funding source and the evolving nature of associated regulations. We have seasoned federal funds specialists who can expertly guide the County through the many decision-making processes for the projects that have been funded by ARPA to best serve the needs of the community. We do our very best to guide personnel and backfill departments where and when needed throughout the program so that County staff can focus on their number one priority — keeping the County churning and serving constituents. This also serves as an opportunity to train County staff on certain reporting and compliance items within the federal funds arena.

**LOCAL FIRM WITH NATIONAL PRESENCE AND RESOURCES.** Ardurra is local — with 250 staff in 9 offices throughout Texas. Nationwide, Ardurra boasts 600+ staff in 36 offices including ARPA, FEMA, HUD subject matter experts; grant managers; professional civil, structural, transportation, environmental, mechanical and electrical engineers; environmental scientists; surveyors; certified construction managers; and water and wastewater plant operators.

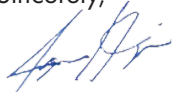
**LOCAL TEAM MEMBERS.** Ardurra has included value-added team members to support our delivery of this project. These local, qualified firms bring relevant experience and a shared dedication to the County's success.

- » **Valdez Engineering.** *Valdez Engineering is a civil engineering consulting firm based in San Antonio, TX. We provide planning, design, and construction phase services for municipal infrastructure projects that include wastewater collection and conveyance systems, wastewater treatment, temporary and permanent wastewater pumping systems, sanitary sewer overflow mitigation and rehabilitation, water distribution systems, water treatment, pumping and storage systems, street design and reconstruction, and stormwater collections systems.*
- » **GDJ Engineering.** *The GDJ Team will assure the quality of deliverables, planning, engineering services, environmental services, and ROW acquisition services by implementing a proven project specific Quality Assurance/Quality Control (QA/QC) work plan based on the following principles: Knowledge/Experience, Coordination/Communication, Constructability Review, Accuracy/Completeness, and Thorough Design/Environmental Schedules.*
- » **Howland.** *Howland Engineering and Surveying Co., Inc. (Howland) is a diverse team of highly skilled and certified professionals that include Registered Professional Land Surveyors, Professional Engineers, Certified Floodplain Managers, Planners, Safety Professionals, Certified Construction Materials Testing Technicians & other experienced personnel.*

We hope that Webb County has found Ardurra's assistance, through our current engineering work, beneficial to your needs. We look forward to the opportunity to assist you with the waterline design services.

**STATEMENTS.** Our Team has no conflicts of interest with regard to performing this work. Our Team is financially stable and has the ability to perform all of the functions required by the County's Request for Qualifications and is prepared to provide the services represented in our response. We are not prohibited from entering into a contract with the County as a result of financial interest as defined under Texas Government Code Section 2261.252(b). The Statement of Qualifications is valid for ninety (90) days from the deadline submission. We hereby acknowledge that our submission is not considered to be confidential or proprietary information. Ignacio Hinojosa, PE, will be Webb County's single point of contact for this response. My contact information appears below.

Sincerely,



**Ignacio Hinojosa, PE**  
Project Manager



# B EXECUTIVE SUMMARY

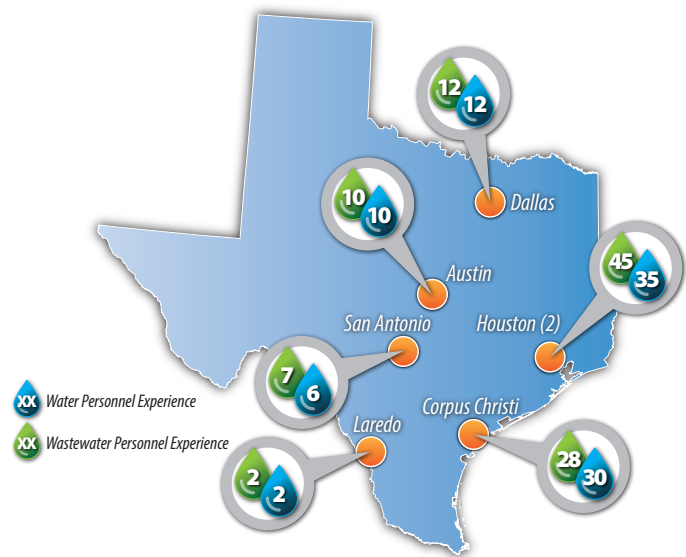
## Ardurra Group, Inc.

**Our Texas Story.** Since 1995, Ardurra Group, Inc. (Ardurra) staff have been involved in some of the largest water and wastewater programs in Texas. After partnering with many local municipalities over the years, our leadership team saw a lacking of true project ownership from the typical consultant relationship on standard engineering assignments. We used our background of delivering over \$3B in Texas public works projects and, in 2014, started a new engineering firm focused on a philosophy of Total Project and Client Ownership — Ownership of Program Delivery and Ownership of Engineering Solutions. These guiding principles of improving the dynamic between the engineer and client/Owner drive our service, nimbleness and innovation.

Today, Ardurra has 1200+ staff in 70+ offices throughout the US — to include professional civil, environmental, structural, transportation, mechanical and electrical engineers; water and wastewater plant operators; environmental scientists; geologists; ecologists; surveyors; GIS professionals; land planners; certified construction managers; and disaster recovery specialists.

**We Know Webb County.** With established offices in Laredo, Corpus Christi and San Antonio, Ardurra’s Texas principals have been committed to local clients — large and small — to address their water, wastewater, drainage, and roadway infrastructure challenges. We have worked alongside Webb County as well as the City of Laredo, City of Eagle Pass, City of Corpus Christi and San Antonio Water System (SAWS) to successfully deliver a variety of engineering projects. We understand the local landscape as well as County systems, processes, and departments; local infrastructure challenges; and local, state, and federal governing agencies and authorities.

**Recent Experience Managing Federally Funded Local Projects.** Since Hurricane Harvey, Ardurra has been on the ground in 20+ cities and counties throughout Texas assisting local government staff with emergency repairs, facility damage assessments, federal grant application, management and administration, and overall program compliance. We understand the federal funding flows; the local, state, and federal rules and regulations; and we have established relationships with TDEM, GLO, FEMA, HUD, and TWDB. Tracking and Documentation. Critical to federal funds management and retention is meticulous tracking and documentation. We have managed \$20B in recovery grant funds — we understand the specific issues involved in program compliance, tracking costs, reporting, procurement, design, construction, and overall fund management as it relates to multiple federal and state agencies and local authorities.



Representation of individuals with water and wastewater expertise by office location

## Summary of SOQ

Ardurra’s team knows water transmission and distribution project requirements and have vast experience with similar utility improvements projects. These two key factors along with our commitment to apply our design principles, unmatched work ethic, and unrivaled economic and sustainable problem-solving skills will guarantee a successful project for the county.








### ARPA PROJECT NO. 13 - MAIN WATER LINE ON MANGANA HEIN ROAD TO WATERLINES THROUGHOUT LA PRESA COLONIA

The preliminary alignment for the County’s ARPA Project No. 13 is proposed to tie-in at three locations to ARPA Project No. 10 at Ranch Road 6073A, Ranch Road 6073F, and Sciarraffa Pkwy. The length of this proposed distribution system is approximately 2.40 miles and it would serve Colonia La Presa residents to the West of the La Presa Community Center. The exhibit to the left shows the preliminary Alignment for ARPA Project No. 13.

Similar to any waterline extension project, this project will pose certain challenges for which the Ardurra Team will leverage our expertise, innovation and knowledge of the project to address the anticipated challenges efficiently. The table below describes the identified potential challenges and a brief description of our approach to resolve these challenges.

## Services Beyond Request

 <b>TIE-INS: RANCH ROAD 6073A, RANCH ROAD 6073F, AND SCIARRAFFA PKWY</b>	 <b>DRIVEWAY CONFLICTS</b>	 <b>UTILITY CONFLICTS</b>	 <b>ARPA COORDINATION</b>	 <b>ENVIRONMENTAL PERMITTING</b>
<ul style="list-style-type: none"> <li><b>Challenge:</b> Waterline work will be at a busy interchange. This intersection is heavily trafficked by Commercial trucks, heavy machinery, and oil and gas industry vehicles.</li> <li><b>Approach:</b> Our Team’s Traffic Control will be aimed at minimizing impact to the vehicular traffic while maintaining construction worker safety as our priority. In addition, any potential road closures or detours will be coordinated with the County, City of Laredo and TxDOT officials.</li> <li><b>Unique Experience:</b> Ardurra’s Team has worked closely with the City of Laredo and TxDOT’s Laredo District on Traffic Control Design for projects in State Highway 359, US 59/IH-69, and US 83.</li> </ul>	<ul style="list-style-type: none"> <li><b>Challenge:</b> The proposed alignment will impact the driveways to the residents of this colonia, along with access to La Presa Community Center and the La Presa Water Dispenser.</li> <li><b>Approach:</b> Through its integrated design process, Ardurra will ensure that minimal impact to access for the residents and costumers in the area. Ardurra may propose High early Strength concrete for driveways to minimize curing time, have strategic construction phasing, and extensive coordination with the individual landowners.</li> <li><b>Unique Experience:</b> Ardurra’s Team will incorporate town hall meetings to ensure that all residents are aware of the upcoming construction and to take their input as a stakeholder. This approach minimizes the “surprises” and has a positive impact on public perception.</li> </ul>	<ul style="list-style-type: none"> <li><b>Challenge:</b> Existing utility conflicts along the preliminary alignment which may include W/WW infrastructure, electrical lines, telecommunications, etc.</li> <li><b>Approach:</b> Ardurra actively coordinates with utility owners in the regions such as AEP, Spectrum, AT&amp;T, Medina Electric, City of Laredo, and others to ensure that most if not all utilities are identified in the early stages of design. Once identified, Ardurra uses its integrated design process to mitigate potential issues during construction.</li> <li><b>Unique Experience:</b> Ardurra’s Team has a tremendous amount of experience permitting utility projects through local, state, and federal agencies. Together, our team has permitted over 100 projects in South Texas.</li> </ul>	<ul style="list-style-type: none"> <li><b>Challenge:</b> Coordination with ARPA consultant to ensure compliance with project requirements.</li> <li><b>Approach:</b> Leverage Team’s ARPA experience and ensure that our design process is cohesive with the federal guidelines and establish and open line of communication with the County’s consultant to avoid any issues due to miscommunication or lack of coordination.</li> <li><b>Unique Experience:</b> Ardurra’s proposed staff are currently managing \$600M in ARPA funds for clients throughout the US.</li> </ul>	<ul style="list-style-type: none"> <li><b>Challenge:</b> Complying with the NEPA Process to ensure compliance with ARPA funding requirements.</li> <li><b>Approach:</b> Ardurra’s national and regional environmental team supported by GDJ Engineering regional team will acquire the necessary environmental permitting and mitigate unforeseen environmental issues.</li> <li><b>Unique Experience:</b> Over 10 completed NEPA processes in the past 5 years for federally funded Projects in the region.</li> </ul>



## Identify Equivalent or Superior Services



**PRIVATE LANDOWNER  
COORDINATION,  
ROW ACQUISITION  
AND PLANNING**



**WATER QUALITY**  
*Long Distance Transmission, Low Water  
Demand, and Increased Water Age*

- **Challenge:** It is our understanding, that a lot must be platted to receive water services; therefore, the platting of this area will be a critical task for this section of the project.
  - **Approach:** Ardurra’s Team will work closely with the County’s planning to reinstate the platting efforts that were taken on some time back and will use its community outreach experience along with GDJ’s planning experience to provide water services to this community.
  - **Unique Experience:** Our team has provided boundary resolution and platting services in various municipalities across South Texas. Our team is very familiar with the issues encountered in our communities and are prepared to successfully resolve those challenges, if presented with them. GDJ’s expertise will ensure efficiency in determining the necessary ROW and the steps to secure it – without compromising ARPA funding.
- **Challenge:** Increased water age due to potential low demand, long transmission distance, and distribution system length.
  - **Approach:** Looping of water lines is a must for ARPA Project No. 5. In addition, as in the rest of the project sections, work in synergy with Master Plan Team to ensure adequate sizing of pipe for immediate and near term to prevent potential nitrification in the system.
  - **Unique Experience:** Ardurra’s Team has Water Quality Optimization efforts in the region have vast and recent experience with issues due to increased water age and mitigating potential nitrification.

Our team was assembled to ensure effective project coordination and delivery at the Federal, State and Local levels. Agency coordination will be a critical component as the preliminary alignment depicts work within The Texas Department of Transportation and City of Laredo Right-of-Way as well as possible coordination with State and Federal Authorities completed in the vicinity of the temporary immigrant holding facilities. These crossings pose their own unique challenges and coordination with multiple entities.

DESCRIPTION OF SERVICE	ARDURRA’S APPROACH
WATERLINE DESIGN EXPERIENCE	Ardurra’s Team experience is unrivaled in our region for utility planning studies, investigations, pipeline design, utility relocation design, and design and evaluation of high service pump station and/or booster station improvements.
SYNERGY WITH WATER/WASTEWATER MASTER PLAN TEAM	Ardurra’s Team will make educated, informed, consensus-focused, compliant, and cost-effective decisions in the development of this project that will correlate with the ongoing efforts we are developing on the master planning effort. Our priority will be to ensure that the County receives the infrastructure it needs through the 20-year planning horizon that the Master Plan will provide while not slowing down the process for the waterline extension project to avoid jeopardizing the ARPA funding.
SYNERGY WITH COUNTY’S ARPA PROGRAM MANAGEMENT CONSULTANT	Ardurra’s Team includes GDJ Engineering the County’s current ARPA Program Manager for Infrastructure Projects. This will give will leverage its involvement with the W/WW Master Plan to maximize the efficiency in which the design details for this project are developed.
ARDURRA’S ARPA EXPERIENCE	Ardurra’s proposed staff are currently managing \$600M in ARPA funds for clients throughout the US. We understand the complexities of a new funding source and the evolving nature of associated regulations. We have seasoned federal funds specialists who can expertly guide the County through the many decision-making processes for the projects that have been funded by ARPA to best serve the needs of the community.

## Table of Contents

- **Tab A. Transmittal Letter**
- **Tab B. Executive Summary**
- **Tab C. Table of Contents**
- **Tab D. Engineering Experience**
- **Tab E. Personnel Qualifications**
- **Tab F. References & Project Experience**
- **Tab G. Forms & Statements**
  - **Submittal Checklist**
  - **References Form**
  - **Conflict of Interest**
  - **Certification Regarding Debarments**
  - **Certification Regarding Federal Lobbying**
  - **Code of Ethics Affidavit**
  - **House Bill 89 Form**
  - **Senate Bill 252 Form**
  - **SAM**
  - **Proof of No Delinquent Tax Owed to Webb County**





# D ENGINEERING EXPERIENCE



Ardurra Group, Inc.  
Corporation; Florida

Ignacio Hinojosa, PE  
6010 McPherson Road,  
Suite 100,  
Laredo, Texas 78041  
P: 956.462.5511

### With over 20 years experience providing similar services,

selecting Ardurra to deliver this project provides the county with peace of mind that local experienced technical professionals will be assigned to this project who can gracefully guide you through the many challenges and opportunities presented with ARPA and Federally Funded Programs.

## Ardurra Group, Inc.

The Ardurra Team has performed waterline design services for governments and agencies throughout Texas. As a team, in the last 10 years, we have designed over 40 waterline projects throughout Texas for cities with populations ranging from 50K to 1.5M. The following provides descriptions for key services that Ardurra provides which will ensure the success of the County's waterline extension project.

### Products and Services

#### Services Provided:

- **Engineering** - civil, structural, environmental, mechanical, electrical, coastal and marine engineering assessment, design and construction phase services
- **Architecture** and landscape architecture
- **Water & wastewater** - master plans, treatment plants, lift stations, pump stations, conveyance, transmission, distribution, treatment, purification, reuse projects
- **Flood Control** - bulkheads, floodwalls, floodgates, levees, bank stabilization
- **Drainage** - collection, conveyance, master planning, pump stations
- **Hydraulic & Hydrologic Engineering** - river and watershed studies
- **Environmental & Ecological** - permitting and compliance, assessments, abatement, inspection, wetland delineation, mitigation & restoration, vegetation and wildlife surveys, Habitat/Environmental Management Plans
- **Survey & Geographic Information Systems (GIS)**
- **Disaster Management** - planning, mitigation, recovery, closeout, program management, grant application (FEMA HUD CDBG, CDBG-DR, USDA, FHWA, FTA, EPA programs)

## Expertise in Water Line Extensions

### PROJECT MANAGEMENT AND PROJECT MANAGEMENT PLAN:

Our proposed Project Manager (PM), will establish a Project Management Plan (PMP), which will serve as the project reference guide for use by the County, Ardurra and all subconsultants. Key elements of the PMP are as follows:

- Goals / Critical Success Factors
- Scope of Work (Activity Breakdown Structure)
- Project Schedule
- Team Organization and Responsibilities
- Quality Control Process
- Communication Plan
- Contingency / Risk Management Plan

A draft of the PMP, including the preliminary schedule, will be submitted to the County's Project Manager for review and comment to ensure the County's concurrence with the proposed plan and schedule. After the County approves the PMP, work will proceed in accordance with the approved plan. Any deviation from the approved schedule, assigned staff or budget would require approval of the County. The PMP will be prepared without any cost to the County.

### GOALS/CRITICAL SUCCESS FACTORS.

Ardurra will conduct a kickoff meeting at the beginning of the project. At the kickoff meeting, the Project Team will identify those factors most critical to the success of the project. For each critical success factor, a performance measure will be identified to provide a means of determining whether project progress remains focused on the goals. These critical success factors will be established as goals and re-visited at each stage of the project to assure the project's success.

### ACTIVITY BREAKDOWN STRUCTURE AND PROJECT SCHEDULE.

Mr. Hinojosa will identify and breakdown the project into individual tasks comprising an Activity Breakdown Structure (ABS). The ABS will be activity-based and describe the scope of services required to complete the project. A graphical Project Schedule will be developed from the ABS and will be used to maintain a sense of urgency within the Project Team. Ardurra recognizes the utmost importance that schedule management has over every aspect of a project.

### TEAM ORGANIZATION AND RESPONSIBILITIES.

Mr. Hinojosa will use the organizational chart and the ABS to create a table of Project Team Member Roles and Responsibilities. The table will serve as a ready reference to team members. The PM will define Task Managers and they will work in close coordination with each other under the supervision of the PM.

### QUALITY CONTROL PROCESS.

The primary goals of our Quality Control Program are to consistently achieve the high standards of technical excellence demanded by the County, reduce overall project costs and best meet the County's needs for its public works and utility projects. These goals are attained through implementation of a consistent quality control program for each aspect of the project. Quality control includes not just review of work products, but also establishment of specific methods and procedures for executing the work consistent with proven techniques and corporate policy.

### THE QUALITY ASSURANCE/QUALITY CONTROL PLAN FOR A PROJECT WILL INCLUDE THE FOLLOWING ITEMS:

- Project Delivery Guidelines - Project delivery guidelines will be established for project assignments to define the common vision of all team members and the County for completion of each element of the project. A project definition workshop will be defined, and a separate staff of qualified professionals will be assigned as quality control reviewers for each discipline. Our QA/QC program is based on a "total quality management" approach, and includes the following key features:
  1. The client's perception of quality is the one that counts.
  2. Our project team and project management approach builds quality in throughout a project, rather than fixing it at the end.
  3. All members of our management staff are committed to delivering quality.
  4. Those doing the work make constant improvements to the system.
  5. All our work should continually add value to the client's operation.

### COMMUNICATION PLAN.

A Communication Plan will be prepared as part of the PMP that will identify how the various communication elements will be used to distribute information to the Team. The Communication Plan will include progress reports that will be

submitted to the County's Project Manager as required. The progress reports will track all critical events in concert with the project schedule and will discuss developments of the project during the preceding month. The progress report will also serve as an exception report to apprise the County of any unexpected developments in the project and the manner in which these developments have been resolved. As part of the Communication Plan, a Document Distribution Matrix will be prepared by the PM to identify the team member(s) that will be a recipient of various documents developed during the project, to assure that the appropriate information is communicated.

### **CHANGE MANAGEMENT PLAN.**

The Change Management Plan will identify, in writing, the proposed change; provide a summary of the impact to the budget, schedule or other element of the project; include a place where team members can endorse the change; and provide a place for County authorization of the change. In this way, the change can be smoothly incorporated into the overall project.

### **CONTINGENCY/RISK MANAGEMENT PLAN.**

The Risk Plan will include a list of potential problems specific to the project and prevention measures that may be used to mitigate the problems. Monthly, Mr. Hinojosa will update the Risk Management Plan to reflect the status of each area of potential concern.

### **EARNED VALUE ANALYSIS.**

Mr. Hinojosa will use Earned Value Analysis to monitor the project's budget. As part of the PMP, a budget will be assigned to each task in the ABS. Using the scheduled relationship between tasks, the projected cumulative budgeted cost of the work will be plotted against time to show how the project budget is scheduled to be expended. Then, on a monthly basis, the PM will calculate the sum of the earned values (estimated percent complete times task budget) and compare the total earned value against the expended budget and the projected cumulative cost to evaluate engineering budget status and the overall project schedule.

### **OVERALL APPROACH TO MITIGATE ISSUES:**

Based upon our understanding from past engineering and rotation lists involving the Capital Contracting Office and various operating departments, there will be project specific critical issues that must be addressed. The following describes our proposed approach for mitigating those issues. Regular discussion between Mr. Hinojosa, key team members, and the County's project manager during the design will facilitate

project advancement even if challenges are encountered. Information on project issues will be shared with the Operating Department project manager as soon as it is available to secure a solution and prevent delays in design or construction.

The Ardurra project team will not only focus on meeting deadlines for deliverables but will also develop alternatives and recommend cost saving solutions for any technical challenges that may occur. Our proven history of high-quality work and attention to detail will ensure that the pipeline engineering project packages are delivered on schedule and within budget. The Ardurra team will provide complete services, resources and technical expertise to meet all professional scope areas anticipated by the small diameter pipeline projects.

Ardurra's team has been structured to meet the schedule set forth by the County. Items contrary to the success factors and factors beyond Ardurra's and the County's control (for example material prices, availability or delivery time) can often influence the success of a project. The team members will assist Mr. Hinojosa with developing a Risk Management Plan at the kick-off meeting. The Plan will include a list of potential problems specific to the project and prevention measures that may be used to mitigate the problems.

Monthly, Mr. Hinojosa will update the Risk Management Plan to reflect the status of each area of potential concern. Some mitigation strategies may require changes to the approach or critical tasks of the project. When changes to the project approach are necessary, it is good to have a Change Management Plan in place. If not managed and executed properly, such changes can have detrimental impacts on the overall success of the project. To prepare for potential changes, Mr. Hinojosa will prepare a Change Management Plan that will be used to communicate and approve changes in the project approach. The Change Management Plan will identify, in writing, the proposed change; provide a summary of the impact to the budget, schedule or other element of the project; include a place where team members can endorse the change; and provide a place for County authorization of the change. In this way, the change can be smoothly incorporated into the overall project.

### **LOCAL PERMITTING.**

The project will require utility coordination and one stop shop coordination with the County of Laredo since this will be within their County limits.

### **STATE PERMITTING AND ENVIRONMENTAL COMPLIANCE.**

The project's potential to impact state-listed threatened and endangered species will need to be assessed to comply with Texas Parks and Wildlife Code § 65.171-176 of Title 31 of the Texas Administrative Code. At a minimum, a qualified biologist will be required to conduct a habitat assessment for state-listed species known to occur in Webb County.

The project's potential impact to cultural and historical resources will need to be addressed, through coordination with Texas Historical Commission, to comply with the National Historic Preservation Act and the Antiquities Code.

If the project will impact greater than one acre of land, then it will be required to have a Storm Water Pollution Prevention Plan for stormwater discharges associated with construction activities to comply with the Texas Pollutant Discharge Elimination System (TPDES) regulated by the TCEQ. The SWPPP will require proper storm water pollution controls to be installed, inspected, and maintained to reduce storm water contamination.

#### **FEDERAL PERMITTING AND COMPLIANCE.**

If the project is receiving federal funding or project oversight, the project will be required to comply with the National Environmental Policy Act (NEPA). For this specific contract, the funding source appears to be the County of Laredo; therefore, NEPA might not apply to this project. If this changes, Ardurra is qualified for, and experienced with, NEPA documentation. If the project crosses any known Waters of the U.S. (WOTUS), including wetlands, coordination with the U.S. Army Corps of Engineers will be required to comply with the Clean Water Act. This coordination usually includes wetland delineation, ordinary high-water mark demarcation, and nationwide permit selection, if WOTUS is encountered.

The project's potential to impact federal-listed threatened and endangered species will need to be assessed to comply with the Endangered Species Act.

#### **MAINTAINING PROJECT SCHEDULE:**

Ardurra proactively works as a team not only internally, but also with the client, to develop a work plan, including milestones and reviews. The team arrangement allows our project manager to coordinate the deliverables among all disciplines throughout the project. Periodic production and interdepartmental meetings are instrumental in bringing together each facet of the design so that the entire deliverable package is precise, and all components are documented accurately. At each milestone and phase of the project, review meetings are scheduled to address coordination and constructability. Ardurra fully understands that getting past

the fee negotiations quickly works in favor of a timely project completion. Ardurra has a reputation for completing projects with compacted or accelerated schedules. Several of our past contracts have required accelerated schedules to meet the demands.

#### **METHODS OF SUCCESSFULLY COMPLETING WORK:**

One of the most critical success factors for completion of small diameter pipeline work in urban areas is ensuring plans are accurate and constructable. Development of an accurate and constructible set of construction documents is key to preventing errors, delays, and cost overruns. Adding constructability reviews throughout the design phase utilizing staff well versed in construction and operations of the planned facility can also result in more economical designs.

#### **TRAFFIC CONTROL, CONSTRUCTION CONSTRAINTS, AND SEQUENCE OF WORK.**

Ardurra also understands the importance to coordinate traffic control planning, review, and inspection. The Traffic Control Plan and Sequence of Work will be a vital part to the success of these projects. Our team will develop a comprehensive traffic control that enables traffic through the construction zone with minimal impact and will allow uninterrupted access to the public and emergency responders. The sequence of work will also be critical and will need to be coordinated with each stakeholder. Sequencing and scheduling will be used minimize the amount of disruption to the public, school districts, residents, and businesses.

#### **PUBLIC COORDINATION.**

The neighborhoods and residents along these corridors will be affected by construction activities and should be kept informed of project status throughout design and construction phases. The entities should be contacted and briefed at the end of the Final Design Phase, and prior to construction. They will also be informed of the approved sequence of construction, changes to the project schedule, temporary utility reroutes, by-pass pumping plan, and the traffic control plan which will identify any street closures during construction. Coordination with each entity will be vital to the success of this project.

### **Statement of Financial Stability**

Ardurra Group Inc. is a firm of strong financial health, including steady revenue, strong backlog, stabilized expenses and positive cash flow. There are no impairments, litigation or impending transactions that may impede Ardurra Group's ability to complete services within the scope of this proposal.



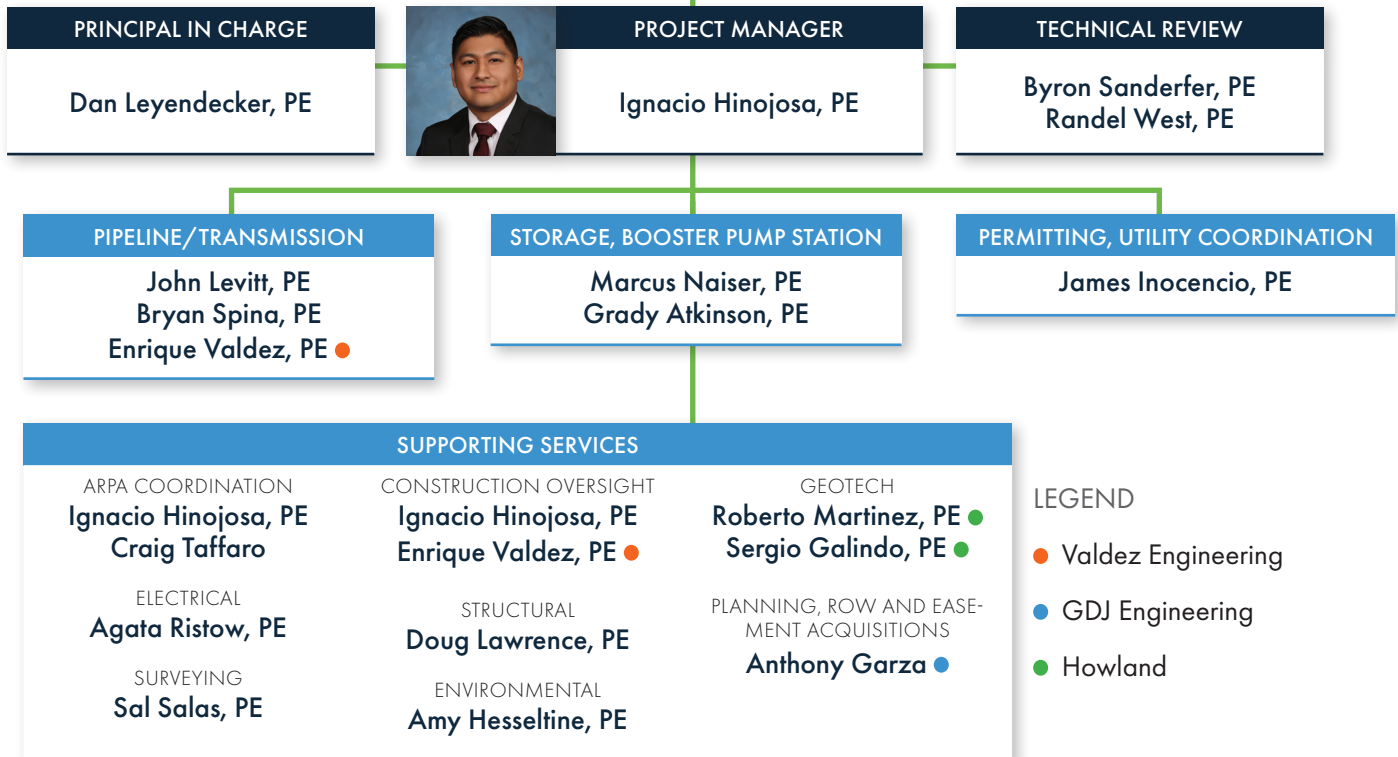
# 3 PERSONNEL & ORGANIZATION

## Organizational Chart

Ardurra’s team was carefully crafted to support Webb County — to include senior level staff who bring proven experience supporting Texas municipalities with federally funded and ARPA programs. The Ardurra team has excellent established relationships at the local, state, and federal level. This team is eager to support Webb County with this unique opportunity to positively impact local communities.

Our experience managing federally funded programs has helped us to understand that it is critical to place the RIGHT staff in the RIGHT place for only the amount of time required. We know HOW to train and TRANSFER our knowledge, and WHEN to turn our job over to County staff.

Proposed staff are available upon notice to proceed and no changes to the project team will be made without County approval.



- LEGEND**
- Valdez Engineering
  - GDJ Engineering
  - Howland



## DAN LEYENDECKER, PE

Principle In Charge

*Mr. Leyendecker serves as managing principal for Ardurra. He oversees the day-to-day operation of the company and is a recognized leader in the industry, with a distinguished career spanning over 30 years. Mr. Leyendecker's expertise includes streets, water, wastewater and drainage infrastructure. His project experiences include master planning, detailed design and construction management. He has been a project principal, manager and engineer for numerous projects with construction costs ranging from \$10,000 to more than \$55 million.*

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 81499

### RELEVANT EXPERIENCE:

#### **Webb County - Water and Wastewater Treatment Plant Operation Services - Phase I, Laredo, TX.**

Provided engineering services for this project, which involved an evaluation of the water and wastewater treatment plants, recommendations, preliminary, design, bid and construction phase services for plant repairs, and augmentation of plant operations until all alleged violations were resolved, and compliant operations could be transferred back to the County.

#### **City of Corpus Christi - Woolridge Road Phase II - Airline Road to Rodd Field.**

Waterline improvements involved the design of a 12-inch PVC waterline and removing the existing 8-inch waterline. Wastewater improvements included a section of 24-inch PVC force main and a section of 16-inch effluent main for future use.

#### **City of Corpus Christi - Gollihar from Crosstown Expressway to Kostoryz Street.**

5,020 square yards of pavement repair, 43,000 square yards of seal coat, 5,000 tons of HMA CP, 6,090 square feet of curb ramps, 5,300 linear feet of 16-inch waterline, 6,200 linear feet of 8-inch waterline, 5,300 linear feet of 12-inch sanitary sewer line, 1,425 linear feet of 8-inch sanitary sewer line, and 11 regional transportation authority bus pads.



# IGNACIO HINOJOSA, PE

Project Manager

*Mr. Hinojosa has over six years of experience in the planning and design of waterlines and utility engineering in South Texas. As a native of Webb County and Laredo office lead, he takes special pride in serving as an extension of staff and applies his expertise with critical infrastructure improvements projects. His experience includes:*

## EDUCATION

BS, Civil Engineering

## REGISTRATION

Texas PE - 138711

## RELEVANT EXPERIENCE:

**San Antonio Water System – Water Main Rehabilitation.** Project Engineer for this project that involves 4,900 linear feet of 16-inch water main within the Port of San Antonio. This project will connect the proposed 16-inch water main along the 36th Street Extension to a 10-inch and 12-inch water main along Perrin Road. The scope of work also includes coordination with the Port of San Antonio and coordination with subsurface utility engineering services. This project will be constructed in conjunction with the SAWS Port of San Antonio and Lackland AFB Water Improvements.

**City of Laredo, San Isidro Subdivision, 2.5 MG Elevated Storage Tank, Laredo, TX.** Design plans and specifications, bidding phase and construction management for a 3 million gallon elevated storage tank that will be located at the San Isidro Subdivision. The scope of work will include existing flows and demand over the next 50 years, recommendations for pipe tank interconnection with existing facilities based on hydraulic calculations, an evaluation of the existing improvements and recommendations for tank erection location, electrical instrumentation, controls and SCADA, the development of renderings for logo design, installation and dimensions, TCEQ approval and permitting process, and the development of capital costs for the proposed improvements.

**City of Laredo - Street and Utility Improvements, Pearsall, TX.** Utility improvements will consist of pipe bursting, full replacement and adjustments for the water, sewer and gas mains.



## JOHN LEVITT, PE

Pipeline / Transmission

*Mr. Levitt has over 47 years of experience in the engineering field. His civil/site experience includes residential, commercial, industrial developments and municipal projects requiring the design of infrastructure improvements such as water, sanitary sewer, storm sewer, storm water management, drainage and channel design, site grading and paving improvements. He has extensive experience in buried infrastructure design, trenchless new construction, collection and distribution rehabilitation. His technical skills include the development of concept, preliminary and final construction plans and specifications for civil/site design elements such as site grading, water and sanitary sewer, interceptors and transmission pipelines, storm drainage and stream restoration.*

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 47717

### RELEVANT EXPERIENCE:

**Collin County Courthouse, Texas.** Improvements included 1,500 LF of 16" water line, 3,600 LF of 12" and 8" water lines, 8" sanitary sewer, stormwater drainage, grading, and seventeen acres of paving. He worked with the MEP consultant on coordinating the chilled water and gas lines, electrical, telecommunication locations on the site and entry into the building.

**SAWS - C-5 Culebra and C-28 Zarzamora Creek, San Antonio, TX.** Assessment, modeling and design of improvements for over 39,000 LF of wastewater lines ranging in size from 8-inch PVC to 36-inch Hobas in northwest San Antonio. Design services include coordination of survey, modeling and geotechnical services and performance of environmental, permitting and design efforts.

**SAWS - C-13 Broadway to Josephine to S. Alamo, San Antonio, TX** Assessment and design of two segments of the overall 22,000-LF project consisting of Hobas 24 to 90-inch lines as they pass through downtown San Antonio.

**SAWS - Leon Creek WRC Interconnection to SBSP Project, San Antonio, TX.** Design of approximately 9,335 LF of Hobas 60-inch and 875 LF of 27-inch sewer main connecting the Leon Creek Water Recycling Center (WRC), just upstream of the headworks, to the Southwest Bexar County Sewer Pipeline (SBSP) which ultimately connects to Dos Rios WRC.

**Jefferson Avenue Siphon/Mountain Creek Inceptor Improvements, TRA, Grand Prairie, TX.** Design responsibilities included projection of future wastewater flows based on historical data, and design and construction sequencing of the proposed siphon system. The project consisted of a new 160-LF siphon system consisting of parallel Hobas 24- and 42-inch diameter pipelines crossing under Mountain Creek, a new 72-inch diameter pipeline tie-in to an existing line downstream from the meter station.





## BRYAN SPINA, PE

Pipeline / Transmission

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 103776

*Mr. Spina has over 16 years of experience as a civil engineer specializing in transportation, hydrology and hydraulics, storm drain design, water distribution systems and wastewater collection systems. Mr. Spina has extensive experience in sewer main and water main design, roadway and traffic control design and hydrology and hydraulic design for water ways, culverts, and storm drains. He has also assisted Ardurra in their duties as City Engineer for the City of Helotes. Mr. Spina has performed engineering work for clients such as the TXDOT, City of San Antonio and Helotes, Bexar County, and San Antonio Water System.*

### RELEVANT EXPERIENCE:

**SAWS - 2021 SMP Package I, San Antonio, TX.** Replacement of 1180 LF of 8" water main along Buckwheat between Uhr Ln. and Higgins Rd., 2315 LF of 8" water main along Sunny Glen between Pebble Glen and Bohill, and 575 LF of 8" water main and 145 LF of 8" sewer main along Mider between McCaty Rd. and John Vance.

**SAWS - 2021 SMP Package II, San Antonio, TX.** Design of 1240 LF of 8" water main and 1155 LF of 8" sewer main along Guadalajara from Alamo Blanco to El Sendero, 770 LF of 8" water main along Minuteman from Valley Forge to the cul-de-sac, and 735 LF of 8" water main along Village Haven from Raybon Dr to the cul-de-sac. Project includes surveying, bid phase and construction phase services.

**SAWS - 2022 SMP Package IV, San Antonio, TX.** Water and sewer main replacements on Nevada, Frances Jean and Lynhurst.

**SAWS - Breened Drainage Improvements, San Antonio, TX.** Design phase services to replace water and sewer along West Russell Place from North Flores to Breeden and replace the water along North Flores from Ashby Place to West Russell Place. The improvements are associated with the CoSA drainage improvements.

**Bulverde Road Phase I, San Antonio, TX.** 0.98 miles of complete roadway reconstruction and drainage improvements along Bulverde Road from Butterleigh to Green Springs. Proposed system includes curb inlets with a main trunk line ranging in size from a 24-inch RCP to 9'x4' SBC which connects to the recent County Flood Control project, Bulverde Road at Mud Creek Tributary A. Drainage improvements were designed to Atlas 14 design criteria.



## BYRON SANFERDER, PE

### Technical Review

*Mr. Sanderfer serves Public Works Group Leader of Ardurra's Central Division, and has more than 20 years of experience providing both rural and urban engineering services. Mr. Sanderfer applies his expertise in the application of technology and scientific principles for clients such as Bexar County, City of San Antonio, Texas Department of Transportation, City of San Marcos, City of Helotes, City of Kerrville and San Antonio Water System.*

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 99241

### RELEVANT EXPERIENCE:

**SAWS - Theo and Malone Sewer Improvements.** 12,675 linear feet of 8-inch PVC sewer main, 250 linear feet (LF) of 10-inch PVC sewer main, 45 sanitary sewer manholes, 11,470 LF of sanitary sewer laterals, 450 sanitary sewer cleanouts, by-pass pumping plan, 53 LF of CIPP and pre/post televising of the sanitary sewer main.

**SAWS - FM 1535 Water and Sewer Adjustments.** Sewer adjustments - Replacement of approx. 700 linear feet of 10-inch to 12-inch PVC sewer main with TxDOT ROW, and water adjustments - water valve and fire hydrant adjustments, and additional split casing improvements for TxDOT.

**Bexar County - Heritage Park Phases I, II, and III.** SAWS joint-bid work to adjust existing manholes within the project limits and to relocate an 8-inch water main and services.

## RANDEL WEST, PE

### Technical Review

*Mr. West has over 34 years of experience specializing in municipal and industrial wastewater treatment and collection, with an emphasis on developing creative solutions that yield significant capital and operational cost savings without sacrificing treatment capacity or quality. He developed an approach for the San Antonio Water System's Dos Rios Water Recycling Center which was the world's largest retrofit of traveling bridge sand filters with new diamond cloth media filter technology. The project doubled the center's effluent filter capacity within the same footprint, saving over \$40 million and 130 billion gallons of water usage over the life of the project.*

### RELEVANT EXPERIENCE:

**SAWS Dos Rios WWTP, San Antonio, TX.** WWTP improvements including retrofit of traveling bridge filters to diamond cloth filters.

**SAWS Leon Creek WWTP, San Antonio, TX.** Project included upgrading all chlorine and sulfur dioxide storage and feed systems. Additionally, the chemical handling safety system was upgraded and dry scrubbers were added at the facility.



### EDUCATION

MS, Civil Engineering

### REGISTRATION

Texas PE - 72452



## MARCUS NAISER, PE

Storage, Booster Pump Station

*Mr. Naiser professional experience includes more than 20 years of planning, design and management of large civil engineering projects in south and central Texas. His project management experience includes master planning, hydraulic modeling, water treatment and distribution systems, wastewater collection, streets, drainage, and civil site work projects performed predominantly for municipalities and government agencies.*

### EDUCATION

BS, Agricultural  
Engineering

### REGISTRATION

Texas PE - 92814

### RELEVANT EXPERIENCE:

**Booster Pump Station Improvements and Bartlett Elevated Storage Tank, Laredo, TX.** Preliminary and final design, a feasibility report, environmental documentation, bid documents, construction administration and periodic construction observation services for upgrades to three booster pump stations, and a new elevated storage tank.

**City-Wide Elevated Water Storage Tanks, Corpus Christi, TX.** New elevated storage tanks replaced the existing elevated storage tanks, which are inadequate in height and approaching the end of their design lives.

**ON Stevens WTP, Corpus Christi, TX.** Design and construction of a new 300,000-gallon elevated wash water storage tank, 42-inch diameter inlet/outlet piping, and overflow spillway connection to storm sewer.

## GRADY ATKINSON, PE

Storage, Booster Pump Station



*Mr. Atkinson has more than 10 years of experience performing engineering services for various municipalities throughout South Texas. His experience includes the planning, design, and construction management of various water distribution and wastewater collection systems. Specifically, he has conducted and prepared engineering reports, hydraulic calculations, water/wastewater models, submittal review, change orders, technical specifications, contract documents, project schedules, and cost estimates.*

### RELEVANT EXPERIENCE:

**Joe Fulton Corridor 16-inch Water Line Extension, Corpus Christi, TX.** Installation of approx. 2.4 miles of new 16-inch PVC (C905) waterline, 13 fire hydrants, 12 fire hydrant stub-outs, 7 gate valves and 4 air release valves to support an industrial development along Jor Fulton International Corridor.

**Mathis CDBG Water Line Improvements, Mathis, TX.** Approx. 3,000 linear feet of 10-inch PVC C-900 water line, fittings, private and public services, boring, pavement repair, fire hydrants assemblies, gate valves and meters.

**Kingsville Waterline Extension, Kingsville, TX.** New 18-inch PVC water line totaling approx. 8,000 linear feet, an 8-inch water line to tie into existing laterals, concrete and asphalt repair, the removal and replacement of curb and gutter, and boring and steel casing.



## JAMES INOCENCIO, PE

Permitting, Utility Coordination

*Mr. Inocencio has over 5 years of experience as a civil engineer specializing in transportation, water distribution systems and waste water collection systems. He has extensive experience in sewer main and water main design, and roadway. He is also familiar with drainage design including storm drains.*

### RELEVANT EXPERIENCE:

**SAWS - FM 535 (SL 1604 to Shavano Ranch Road), San Antonio, TX.** Sewer design included relocating and replacing approx. 900 linear feet of 12-inch sewer main along with the all sewer services and manholes within project limits.

**SAWS - Lamar Street (Austin Street to New Braunfels), San Antonio, TX.** Sewer design - Relocating and replacing 4,800 linear feet (LF) of 8-inch sewer main and all sewer services and manholes within the project limits. Water design - relocating and replacing 5,700 LF of 12-inch water main, 594 feet of 8-inch water main, and all water service within the project limits.

**SAWS – Roland Avenue Urgent Culvert Replacement, San Antonio, TX.** Design and construction of approx. 450 linear feet of 8-inch sewer main to lower the sewer main below an existing culvert. The project included a compressed design timeline due the culvert replacement being deemed an emergency by the City of San Antonio.

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 143607

## RICK ZAMORA, PE

Traffic Control

*Mr. Ricardo Zamora has over 18 years of experience in design, development, and construction of various TxDOT, City, and Bexar County projects. Mr. Zamora has been involved in the PS&E process for several projects involving roadway reconstruction for both major and minor roadways. He has knowledge in PS&E, preparation of bridge layouts, traffic control plans, hydraulics, and Level II Scour analysis as a designer, as well as construction experience as the project engineer for a freeway reconstruction project.*

### RELEVANT EXPERIENCE:

**DeZavala Rd - Phase I Cogburn to Babcock, San Antonio, TX.** Extensive utility coordination and joint bidding with SAWS for the replacement of 4800 LF of 8-inch and 12-inch water main, sanitary sewer adjustments, right of way acquisition, and TCEQ coordination and permit for a Water Pollution Abatement Plan consisting of a sedimentation pond.

**SAWS - Small Diameter Sewer Rehabilitation at SW Military Drive Drainage Channel, San Antonio, TX.** Analysis of the drainage for replacing and protecting an 8-inch and 10-inch sanitary sewer main that was exposed and unprotected crossing a drainage channel. Alternatives included re-grading a channel, designing a cross drainage structure, or relocating the existing sanitary sewer main.

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 94752



## CRAIG TAFFARO

ARPA Coordination

*Mr. Taffaro has 38 years of experience in public administration and disaster recovery grant management. He is currently leading several Harvey recovery efforts throughout South Texas and residing in Port Arthur. He recently led the FEMA closeout process for Nassau County's Superstorm Sandy Recovery program, responsible for all PW closeouts.*

### EDUCATION

MS, Counseling  
Psychology

BS, Sociology

### RELEVANT EXPERIENCE:

**Gulf Coast Water Authority Facility Assessments, Hurricane Harvey, Houston, TX.** Damage assessments, engineering, advising on validating force account, equipment, labor, PW development, grant application/management, admin and compliance, conceptual design of repairs and construction oversight, hazard mitigation.

**Hurricane Harvey Recovery, League City, TX.** Successful recovery strategy related to FEMA/CDBG-DR/Insurance well after the disaster period had ended; overseeing PW development, implementation, and prepping projects to be closeout ready upon completion for claims; and identifying potential Hazard Mitigation opportunities.

**FEMA Public Assistance, 404 Mitigation, and CDBG-DR, Beaumont TX.** Damage assessments, environmental advisory, FEMA, HMGP and CDBG-DR grant management and hazard mitigation.

## AGATA RISTOW, PE

Electrical



*Ms. Ristow has 18 years of electrical engineering experience for the water, wastewater and solid waste, food and beverage, pharmaceuticals and oil and gas markets. Her expertise encompasses the design, implementation, and project management of electrical system improvement and SCADA projects for water and wastewater treatment plants across the United States. Additionally, she has experience in electrical engineering for transportation applications including project management, light rail, catenary, and signaling.*

### RELEVANT EXPERIENCE:

**Basin Pump Station Improvements, San Antonio Water System, TX.** Pump station and misc. chemical system upgrades associated with an 80MGD high service pump station facility. Improvements included the replacement of all major electrical equipment, pump improvements, planning upgrades for the chlorine and fluoride facilities, and adding an emergency dry scrubber system.

**Water Reclamation Facility Rehabilitation, City of Cedar Park, TX.** Rehabilitation of the aeration system and providing miscellaneous facility repairs and safety improvement items throughout the plant. Aeration system options were developed for increased oxygen transfer as well as an evaluation of energy consumption and power requirements for the proposed alternatives.

### EDUCATION

ME, Electrical  
Engineering

### REGISTRATION

Texas PE - 113239



## DOUG LAWRENCE, PE

Structural

*Mr. Lawrence has over 30 years of experience of which more than 16 years of has been dedicated to the design and management of various civil and structural engineering projects and approximately 15 years of experience in project management.*

### RELEVANT EXPERIENCE:

**LaMirage Condominiums – Hurricane Harvey Rebuild.** Rebuild an approximate 240,000 square foot condominium complex due to damages sustained during hurricane Harvey. The overall project scope included the development of shoring to temporarily support the walkway system around each level of the complex for safe access during the reconstruction efforts.

**The Breakers Condominiums – Hurricane Harvey Rebuild.** Rebuild an approximate 80,000 square foot condominium complex due to damage from hurricane Harvey in August of 2017. The overall project scope included an assessment phase to aid legal in obtaining reimbursement from insurance, the development of concrete and CMU repair plans, as well as, provide windstorm inspection/certification and construction administration services to rebuild the complex on north beach.

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 109521



## AMY HESSELTINE, PE

Environmental

*Ms. Ristow has 18 years of electrical engineering experience for the water, wastewater and solid waste, food and beverage, pharmaceuticals and oil and gas markets. Her expertise encompasses the design, implementation, and project management of electrical system improvement and SCADA projects for water and wastewater treatment plants across the United States. Additionally, she has experience in electrical engineering for transportation applications including project management, light rail, catenary, and signaling.*

### RELEVANT EXPERIENCE:

**New Broadway WWTP, Corpus Christi, Corpus Christi, TX.** Replacing and upgrading the existing Broadway WWTP with a New Broadway WWTP. The existing plant's average daily capacity is 10MGD with a peak flow capacity of 20MGD. Capacities of new diffused air activated sludge plant will be modified to 8MGD average daily flow with a peak flow capacity of 40MGD.

**Padre Island Elevated Storage Tank, Corpus Christi, TX.** New 1.5 MG composite elevated storage tank, and associated street and drainage improvements. Scope included design, bid and construction phase services, as well as surveying, inspections, permitting, land acquisition, and warranty phase services for the elevated storage tank. Scope also included the design for 2,400 LF of 30-inch WL with 42-inch steel casing at crossings of TxDOT right of way.

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 93578



## SAL SALAS, PE

### Surveying

*Mr. Lawrence has over 30 years of experience of which more than 16 years of has been dedicated to the design and management of various civil and structural engineering projects and approximately 15 years of experience in project management.*

#### RELEVANT EXPERIENCE:

**City of San Antonio – Bulverde Road Phase I.** Roadway reconstruction and drainage improvements on one mile of Bulverde Road from Butterleigh to Green Springs to the South-bound IH-35 Frontage Road).

**Ranch Road Colonia Waterline Improvements, Corpus Christi, Texas (2017).** Survey project manager for topographic and boundary surveys for the new WL for Colonia at Ranch Road. Recorded all deed and plat information, conducted research for all easements, and collected field data.

**Alamo RMA – Candlemeadow (Binz-Engleman – Foster Road), San Antonio, Texas (Ongoing).** Improvements including a full depth reconstruction of Candlemeadow from Binz-Engleman to Foster Road including one lane in each direction, shoulders, curb, and full width sidewalks. The project will improve safety, improve the existing pedestrian amenities and enhance connectivity. Mr. Salas completed boundary and topographic surveys, ROW and easements and data collection services.

### EDUCATION

BS, Geographic Information

### REGISTRATION

Texas RPLS - 6612

## ENRIQUE VALDEZ, PE

### Pipeline / Transmission, and Construction Management

*Mr. Valdez brings over 16 years of diverse engineering design and management experience for public and private sector clients. He has extensive experience in the design, management, and implementation of a variety of large complex undertakings for municipalities across Texas. Mr. Valdez's experience involves planning, design and construction services for infrastructure projects.*

#### RELEVANT EXPERIENCE:

**Rio Bravo Water Treatment and Distribution System Rehabilitation, Webb County, TX.** Assessment, evaluation, planning, and development of solutions needed to comply with state regulatory requirements and provided design, bid and construction phase services for plant repairs, distribution improvements, high-service pump station rehab, elevated storage tank rehab, regulatory administrative requirements, and operational improvements.

**Blake Manor Road Waterline Relocation, Manville Water Supply Company (WSC), Travis County, TX.** Design the relocation of approx. 18,000 LF of 16" WL, 950 LF of 30" steel encasement installed via open trench, 1200 LF of water service pipe, 150 LF of 6" fire lead pipe, required fire hydrants, water meters, and other appurtenances, connections to existing 3" to 16" WL, and the abandonment of 3" to 12" WL associated with the construction of Blake Manor Road improvements from the proposed FM 973 extension to East Park.



### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 111750





## ROBERTO MARTINEZ, PE

Geotech

*Mr. Martinez has over 27 years of experience in geotechnical engineering. This includes an extensive knowledge of local construction projects, forensic engineering, construction materials engineering and testing, civil design, and pavement design. He has managed various major geotechnical engineering and civil engineering projects throughout the City of Laredo.*

### EDUCATION

MS, Civil Engineering

### REGISTRATION

Texas PE - 87810



### RELEVANT EXPERIENCE:

**36" Water Transmission Line – Laredo, TX.** Consisted of drilling eighteen (18) soil test borings at varying depths along the proposed alignment of the 36" water transmission line. Field investigation phase for determining the surface conditions (slope & drainage) and subsurface conditions obtaining representative soil samples for classification and testing. Laboratory testing to establish pertinent engineering properties of subsurface soils encountered. Evaluation of field and laboratory data to develop geotechnical recommendations.

**Unitec WWTP Sludge Drying Beds, Laredo, TX.** Construction of two (2) sludge drying beds of approx. 7,700 SF within the Unitec WWTP. Howland conducted a geotechnical investigation that consisted of drilling two (2) 15-FT soil test borings within the proposed drying beds footprint.

## SERGIO GALINDO, PE

Geotech

*Mr. Galindo delegates and manages the Geoscience Department and ensures that all work is done in accordance to project specifications. He manages all field activities, develops Geotechnical Engineering Report recommendations, oversees daily Construction Materials and Engineering Testing (CoMET) reports, and performs inspections of soils, concrete, asphalt, foundation, and steel reinforcement.*

### RELEVANT EXPERIENCE:

**Sierra Vista and Milmo Boost Pump Station Improvements, Laredo, TX.** Conducted a geotechnical investigation that consisted of drilling three (3) 50-FT soil test borings within the proposed site.

**Antenna Towers, Laredo, TX.** Conducted a geotechnical investigation for three (3) antenna towers including a 75' Monopole Antenna Tower, 125' Self-Supporting Solid Rod Antenna Tower, and a 125' Self-Supporting Solid Rod Antenna Tower. The investigation consisted of drilling three (3) 60-FT soil test borings at the proposed antenna tower locations.

### EDUCATION

BS, Civil Engineering

### REGISTRATION

Texas PE - 130847







## ANTHONY GARZA, PE

Planning, ROW and Easement

*Mr. Garza has over 15 years of experience, and 3 years of Construction Management experience in infrastructure development for public/private sector clients. He has an extensive knowledge of the federal and state environmental laws specifically with respect to roadway, infrastructure, and transportation planning coordinating environmental documents, compensable utilities, and programming state and federal funds for linear transportation projects. In this time, Mr. Garza served as the representative for the City of Mission, Hidalgo County, Webb County, and Cameron County at the regional MPOs. Highlighting his skills in project planning and development. This required a multi-disciplinary approach to assure the proper coordination of advanced planning efforts to ensure local reimbursement for locally administered projects with state and federal funding.*

### EDUCATION

BS, Biology



### RELEVANT EXPERIENCE:

**Laredo Urban Transportation Study Metropolitan Transportation Planning Organization, Webb County, TX.** Coordinated a comprehensive audit of Proposition 1 & 7, Coordinated Border Infrastructure (CBI), and Category 7 funding and worked with the local governments to develop plans to fully fund the Loop 20 Expansion and the Hachar Reuthinger Parkway Projects for construction. Mr. Garza was able to secure over \$325 million dollars in infrastructure funding within Webb County.

**Hidalgo County MPO, Hidalgo County, TX.** Coordinating with all Hidalgo County precincts to assure their projects were properly programmed on the MPO planning documents. Analysis of existing projects sometimes allowed for delayed projects be adjusted to permit "shovel ready" projects to be constructed.

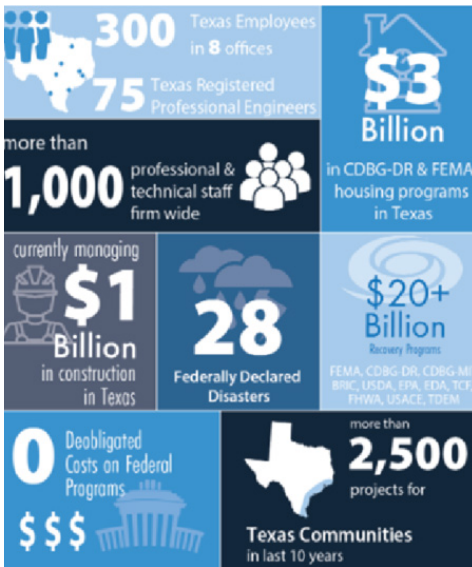
**TxDOT Texas-Mexico Border Master Plan (Under HDR).** Served as a project manager for the subconsultant team in charge of performing data analysis and bridging the gap between project data and the wants/needs of the local governments and the final BTMP project selection criteria, scoring, and prioritization for the state. Evaluation of field and laboratory data to develop geotechnical recommendations.

**Unitec WWTP Sludge Drying Beds, Laredo, TX.** Construction of two (2) sludge drying beds of approx. 7,700 SF within the Unitec WWTP. Howland conducted a geotechnical investigation that consisted of drilling two (2) 15-FT soil test borings within the proposed drying beds footprint.

# F REFERENCES & PROJECT EXPERIENCE

## Emergency and Grant Management Experts

Ardurra’s staff includes FEMA, HUD, and hazard mitigation subject matter experts; grant managers; professional civil, structural, transportation, environmental, mechanical, and electrical engineers; environmental professionals; GIS professionals; and certified construction managers. Ardurra leverages this diverse skill set and engineering expertise to take a holistic approach to disaster recovery and grant management. We have a proven history of rebuilding infrastructure and communities – bringing lessons learned from \$20B in recovery and mitigation programs.



We bring experience with:

### Grant Management:

- US Treasury ARPA
- FEMA IA, PA, HMGP, FMA, BRIC
- HUD CDBG, CDBG-DR, CDBG-MIT, CDBG-CV
- FHWA, USDA, EPA, EDA, TCF
- Grant Application Development

- Owner’s Advisor & Representative
- Data Management

### FEMA Public Assistance:

- Emergency Damage Assessment
- Detailed Damage Assessment
- Planning and Program Strategy
- System of Record Development, Implementation, Management
- Grant Application Development
- Owner’s Advisor & Representative

### Hazard Mitigation:

- Planning and Program Strategy
- Engineering & Benefit Cost Analysis
- Grant Application Development
- Program Implementation & Management

**Tracking and Documentation.** Critical to federal funds management and retention is meticulous tracking and documentation. We have managed \$20B in recovery grant funds – we understand the specific issues involved in program compliance, tracking costs, reporting, procurement, design, construction, and overall fund management as it relates to multiple federal and state agencies and local authorities.

**Program Compliance.** Ardurra coordinates closely with clients to track allocations and project expenditures, ensuring minimal lapse of time between expenditures and the receipt of reimbursement. The final reconciliation of costs can then be recognized across affected City departments and budgets.

**Auditing.** One of our greatest strengths is our ability to develop accurate and defensible funding and reimbursement systems. Ardurra has managed and provided oversight for billions of federal dollars. We have had direct oversight of ARPA, CARES, FEMA, HUD, USACE, FHWA, and many other federal programs and we are proud to say that we have never had a cost clawed back.

## PERRIN-BEITEL IMPROVEMENT

Bexar County | San Antonio, Texas

The project included the widening and reprofiling of Beitel Creek from Vicar Drive to approximately 2,000 linear feet downstream of Perrin Beitel Road. Other tasks included the reprofiling of approximately 900 linear feet of Perrin Beitel Road north of Beitel Creek bridge to remove all homes and Perrin Beitel Road from the Beitel Creek 100-year storm event floodplain.

The project was designed to use natural materials to re-establish the creek as a natural drainage way. The improvements included a 1,000 linear feet bypass channel to increase the confluences of the creek during major floods, reducing the base flood evaluations and protecting 700 linear feet of the natural creek from being disturbed. The design included channel renovation by relining lining and adding slope stability and restoration of the channel corridor. The channel included access for cleaning and maintenance. **This project won TPWA Project of the Year in 2020.**

**Name of Client:** Bexar County Public Works Dept., David Wegmann, PE

**Title of Client:** Engineering Services Manager

**Address of Client:** 1948 Probandt Street, San Antonio, Texas 78214

**Phone Number of Client:** 210.335.3816

**E-Mail of Client:** [dwegmann@bexar.org](mailto:dwegmann@bexar.org)

## FOSTER ROAD DRAINAGE FROM HOUSTON TO HIGHWAY 87

City of Houston | Houston, Texas

Ardurra provided civil engineering services for the design of a 12-inch water main of approximately 2,420 linear feet in conjunction with the City of San Antonio's Foster Road Drainage from Houston to Highway 87. The SAWS water adjustments were joint bid with the CoSA project. This project was a task order issued under our 2019 Governmental On-Call contract which consisted of a 12-inch water main as a joint bid project with the City of San Antonio:

- Utility coordination and engineering to provide adjustments of waterline in congested areas.
- Pavement repair design.
- Utilities separation per TCEQ rules and adjustments and protection to comply.
- Construction sequence planning.
- Traffic control planning for neighborhoods.

**Name of Client:** San Antonio Water System, Ann Peche, PE

**Title of Client:** Manager - Pipelines SSORP

**Address of Client:** PO Box 2449, San Antonio, Texas 78212

**Phone Number of Client:** 210.233.3891

**E-Mail of Client:** [Ann.Peche@saws.org](mailto:Ann.Peche@saws.org)



Cost:

Design; \$1,107,000  
Construction; \$2.1M

Year Completed:  
2020



Cost:

\$385,200

Year Completed:  
2021

## CANDLEMEADOW, SAN ANTONIO, TEXAS

City of San Antonio | San Antonio, Texas

Candlemeadow, classified as a major collector, consists of approximately 0.62 miles of roadway and drainage improvements including a full-depth reconstruction of Candlemeadow from Binz-Engleman to foster road including travel lanes, shoulders, sidewalks and curbs. The project improved the safety and enhance connectivity and safety within the neighborhood and local schools.

Ardurra provided civil engineering and surveying services for this project. Ardurra is also providing project administration and coordination to manage the project in accordance with ARMA guidelines. Ardurra also managed the SAWS joint bid utility adjustments to replace the existing water lines and minor adjustments to the sanitary sewer within the project limits.

**Name of Client:** San Antonio Water System, Luis Rodarte, PE

**Title of Client:** Project Engineer

**Address of Client:** PO Box 2449, San Antonio, Texas 78212

**Phone Number of Client:** 210.233.4721

**E-Mail of Client:** Luis.Rodarte@saws.org

Cost:

\$1,266,374

Year Completed:

2021

## SH 16 WATER MAIN INSTALLATION

City of Helotes | Helotes, Texas

The project included the installation of 7,500 linear feet of 12-inch PVC watermain along SH 16 within TxDOT ROW from Scenic Loop Road to Circle A Drive. The project also included a 300 linear feet bore under SH 1, TxDOT ROW.

The project included providing the design and construction plans, specifications and cost estimates; coordinating with and providing documentation to the public, preparation of all preliminary, intermediate and final design plans, including all utility and environmental coordination and clearance; and providing coordination with utilities, TxDOT and TCEQ to secure approval of final design methods. The plans also included a by-pass pumping plan, post CCTV, SW3P and TCP plans.

**Name of Client:** City of Helotes, Josh Mair

**Title of Client:** Public Works Director

**Address of Client:** PO Box 507, Helotes, Texas 78023

**Phone Number of Client:** 210.695.5913

**E-Mail of Client:** Jmair@helotes-tx.gov

Cost:

\$2,430,300

Year Completed:

2018

## PACKAGE 8 SMALL DIAMETER PROJECTS

San Antonio Water System | San Antonio, Texas

For this project, Ardurra provided engineering services for this project, which comprised the construction of approximately 106 linear feet of 8-inch open cut sewer main, 744 linear feet of 10-inch open cut sewer main 299 linear feet of 12-inch open cut sewer main, 89 linear feet of 15-inch open cut sewer main, 87 linear feet of 18-inch open sewer main, 195 linear feet of 24-inch open cut sewer man, 2,221 linear feet of 10-inch pipe-burst sewer main, 383 linear feet of 15-inch cured in place, 391 linear feet of 24-inch jacking, boring/tunneling, 151 linear feet of 42-inch jack/boring/tunneling within or cross Union Pacific Railroad right-of-way for the Package 8.

**Name of Client:** San Antonio Water System, Cristina de la Garza, PE

**Title of Client:** Manager - Pipeline capacity

**Address of Client:** 2800 US Hwy 281 N, San Antonio, Texas 78212

**Phone Number of Client:** 210.233.3255

**E-Mail of Client:** [Cristina.DeLaGarza@saws.org](mailto:Cristina.DeLaGarza@saws.org)

Cost:

\$3,212,815

Year Completed:

Ongoing

**THIS FORM MUST BE INCLUDED WITH RFQ PACKAGE; PLEASE CHECK OFF EACH ITEM INCLUDED WITH RFQ PACKAGE AND SIGN BELOW TO COMPLETE SUBMITTAL / COMPLETION OF EACH REQUIRED ITEM.**

**RFQ 2023-007**

**“ARPA Project No. 13 – Waterline Extension Project  
(Main Water Line on Mangana Hein Road to waterlines throughout La Presa Colonia)”**

- Statement of Qualifications
  
- References Form
  
- Conflict of Interest Form (CIQ)
  
- Certification regarding Debarment (Form H2048)
  
- Certification regarding Federal lobbying (Form 2049)
  
- Code of Ethics Affidavit
  
- House Bill 89 Form
  
- Senate Bill 252 Form
  
- SAMs Registration completed by Firm **(See Section 1.13)**
  
- Proof of No Delinquent Tax Owed to Webb County



\_\_\_\_\_  
**Signature of Person Completing this Package**

November 10, 2022

\_\_\_\_\_  
**Date**

## References Form

Please list at minimum five (5) local governmental entities where similar scope of services were provided.

***THIS FORM MUST BE RETURNED WITH YOUR OFFER.***

### REFERENCE ONE

Government/Company Name: City of Laredo, Texas

Address: 1100 Houston Street, Laredo, Texas 78040

Contact Person and Title: Jose Luis Tijerina, Acting Superintendent

Phone: 956-401-5886 Fax: N/A

Email Address: jtijerina@ci.laredo.tx.us Contract Period: 2012 to Present

Description of Professional Services Provided: Waterline design, planning, construction management

---

---

---

### REFERENCE TWO

Government/Company Name: City of Corpus Christi, Texas

Address: 1201 Leopard Street, Corpus Christi, Texas 78401

Contact Person and Title: Jeff Edmonds, P.E., Director of Engineering Services

Phone: 361-826-3851 Fax: N/A

Email Address: JeffreyE@cctexas.com Contract Period: 2001 to Present

Description of Professional Services Provided: Waterline design, planning, construction management

---

---

---

**REFERENCE THREE**

Government/Company Name: San Antonio Water System

Address: 2800 U.S. Hwy. 281 North, San Antonio, Texas 78212

Contact Person and Title: Herminia C. Bittle, P.E.

Phone: 210-233-3161 Fax: 210-233-4586

Email Address: NinaBittle@saws.org Contract Period: 2016 to Present

Description of Professional Services Provided: Waterline design, planning, construction management

---

---

---

**REFERENCE Four**

Government/Company Name: City of Bandera

Address: 511 Main Street, Bandera, Texas, 78003

Contact Person and Title: William Cox, City Administrator

Phone: 830-522-3160 Fax: N/A

Email Address: cityadmin@cityofbandera.org Contract Period: 2019 to Present

Description of Professional Services Provided: Waterline design, planning, construction, management

---

---

---



**REFERENCE Five**

Government/Company Name: Alliance Regional Water Authority

Address: 630 E. Hopkins, San Marcos, Texas 78666

Contact Person and Title: Graham Moore, P. E. Executive Director

Phone: 512-294-3214 Fax: N/A

Email Address: gmoore@alliancewater.org Contract Period: 2016 to Present

Description of Professional Services Provided: Waterline design, planning, construction managment

---

---

---

- **\*\*Additional pages are permitted if more space is required\*\***

Space intentionally left Blank

**CONFLICT OF INTEREST QUESTIONNAIRE**  
For vendor doing business with local governmental entity

**FORM CIQ**

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

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

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

**OFFICE USE ONLY**

Date Received

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

**N/A**

**2**  **Check this box if you are filing an update to a previously filed questionnaire.** (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

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

**N/A**

\_\_\_\_\_  
Name of Officer

**4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.**

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

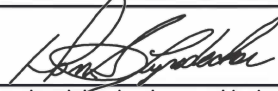
Yes  No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes  No

**5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

**6**  Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7**  
  
\_\_\_\_\_  
Signature of vendor doing business with the governmental entity

**November 10, 2022**

\_\_\_\_\_  
Date

## **CONFLICT OF INTEREST QUESTIONNAIRE**

### **For vendor doing business with local governmental entity**

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

**Local Government Code § 176.001(1-a):** "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

**Local Government Code § 176.003(a)(2)(A) and (B):**

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

\*\*\*

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

**Local Government Code § 176.006(a) and (a-1)**

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.

**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:

1. 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.
2. 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 have or do you anticipate having subcontractors under this proposed contract?

Yes

No


5. The potential contractor further agrees by submitting this certification that it will include this certification titled "Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion for Covered Contracts" without modification, in all covered subcontracts and in solicitations for all covered subcontracts.
6. A contractor may rely upon a certification of a potential subcontractor that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered contract, unless it knows that the certification is erroneous. A contractor must, at a minimum, obtain certifications from its covered subcontractors upon each subcontract's initiation and upon each renewal.
7. Nothing contained in all the foregoing will be construed to require establishment of a system of records in order to render in good faith the certification required by this certification document. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
8. Except for contracts authorized under paragraph 4 of these terms, if a contractor in a covered contract knowingly enters into a covered subcontract with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the federal government, Department of Health and Human Services, United States Department of Agriculture, or other federal department or agency, as applicable, and/or the TDA may pursue available remedies, including suspension and/or debarment.

**PART B. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION FOR COVERED CONTRACTS**

Indicate in the appropriate box which statement applies to the covered potential contractor:

- The potential contractor certifies, by submission of this certification, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this contract by any federal department or agency or by the State of Texas.
- The potential contractor is unable to certify to one or more of the terms in this certification. In this instance, the potential contractor must attach an explanation for each of the above terms to which he is unable to make certification. Attach the explanation(s) to this certification.

Name of Contractor	Vendor ID No. or Social Security No.	Program No.

  
\_\_\_\_\_  
Signature of Authorized Representative

November 10, 2022

\_\_\_\_\_  
Date

Dan Leyendecker, Regional Director  
Printed/Typed Name and Title of  
Authorized Representative

**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 been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of 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.)

3. The undersigned shall require that the language of this certification be included in the award documents for all covered subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all covered subrecipients will certify and disclose accordingly.

Do you have or do you anticipate having covered subawards under this transaction?

- Yes
- No

Name of Contractor/Potential Contractor	Vendor ID No. or Social Security No.	Program No.
Ardurra Group, Inc.		

Name of Authorized Representative	Title
Dan Leyendecker	Regional Director

  
\_\_\_\_\_  
Signature – Authorized Representative

November 10, 2022  
\_\_\_\_\_  
Date

**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 undersigned Notary Public, appeared Dan Leyendecker  
the herein-named "Affiant", who is a resident of Webb County, State  
of Texas and upon his/her respective oath, either individually and/or behalf of their  
respective company/entity, do hereby state that I have personal knowledge of the following facts,  
statements, matters, and/or other matters set forth herein are true and correct to the best of my  
knowledge.

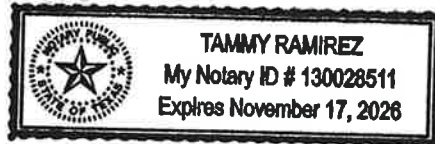
*I personally, and/or in my respective authority/capacity on behalf of my company/entity do hereby  
confirm that I have reviewed and agree to fully comply with all the terms, duties, ethical policy  
obligations and/or conditions as required to be a qualified participating vendor with Webb  
County, Texas as set forth in the Webb County Purchasing Code of Ethics Policy posted at the  
following address: <http://www.webbcountytx.gov/PurchasingAgent/PurchasingEthicsPolicy.pdf>*

*I personally, and/or in my respective authority/capacity on behalf of my company/entity do hereby  
further acknowledge, agree and understand that as a participating vendor with Webb County,  
Texas on any active solicitation/proposal/qualification that I and/or my company/entity failure to  
comply with the Code of Ethics policy may result in my and/or my company/entity disqualification,  
debarment or make void my contract awarded to me, my company/entity by Webb County. I agree  
to communicate with the Purchasing Agent or his designees should I have questions or concerns  
regarding this policy to ensure full compliance by contacting the Webb County Purchasing Dept.  
via telephone at (956) 523-4125 or e-mail to the Webb County Purchasing Agent to  
[joel@webbcountytx.gov](mailto:joel@webbcountytx.gov).*

Executed and dated this 10th day of November, 2022

  
\_\_\_\_\_  
Signature of Affiant

Dan Leyendecker, Regional Director  
Printed Name of Affiant/Company/Entity



SWORN to and subscribed before me, this 10<sup>th</sup> day November, 2022

  
\_\_\_\_\_  
NOTARY PUBLIC, STATE OF TEXAS



**Offeror: Complete & Return this Form with Response Submission.**

**House Bill 89 Verification**

I, Dan Leyendecker, the undersigned representative of (company or business name) Ardurra Group, Inc.

(heretofore referred to as company) being an adult over the age of eighteen (18) years of age, after being duly sworn by the undersigned notary, do hereby depose and verify under oath that the company named above, under the provisions of Subtitle F, Title 10, Government Code Chapter 2270:

- 1. Does not boycott Israel currently; and
- 2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made ordinary business purposes; and

2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or an limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business association that exist to make a profit.

*[Handwritten Signature]*

\_\_\_\_\_  
Signature of Company Representative

November 10, 2022  
Date

On this 10<sup>th</sup> day of November, 2022, personally appeared

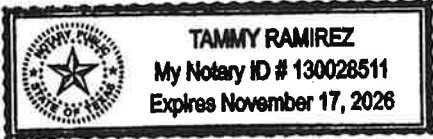
Dan Leyendecker, the above named person, who after by me being duly sworn, did swear and confirm that the above is true and correct.

Notary Seal

*Tammy Ramirez*

\_\_\_\_\_  
Notary Signature


November 10, 2022  
Date



**Offeror: Complete & Return this Form with Response Submission.  
Senate Bill 252 Certification**

SB 252 CHAPTER 2252 CERTIFICATION I, Dan Leyendecker, the undersigned representative of Ardurra Group, Inc. (Company or business name) being an adult over the age of eighteen (18) years of age, pursuant to Texas Government Code, Chapter 2252, Section 2252.152 and Section 2252.153, certify that the company named above is not listed on the website of the Comptroller of the State of Texas concerning the listing of companies that are identified under Section 806.051, Section 807.051 or Section 2253.153. I further certify that should the above-named company enter into a contract that is on said listing of companies on the website of the Comptroller of the State of Texas which do business with Iran, Sudan or any Foreign Terrorist Organization, I will immediately notify Mr. Jose Angel Lopez III, Webb County Purchasing Agent at (956) 523-4125 or via email at [joel@webbcountytx.gov](mailto:joel@webbcountytx.gov)

Dan Leyendecker Name of Company Representative (Print)

 Signature of Company Representative

November 10, 2022 Date



# ARDURRA GROUP, INC.

Unique Entity ID <b>KDJLNJ742G43</b>	CAGE / NCAGE <b>5PTY7</b>	Purpose of Registration <b>All Awards</b>
Registration Status <b>Active Registration</b>	Expiration Date <b>Feb 27, 2023</b>	
Physical Address <b>4921 Memorial HWY STE 300 Tampa, Florida 33634-7507 United States</b>	Mailing Address <b>4921 Memorial HWY STE 300 Tampa, Florida 33634-7507 United States</b>	

## Business Information

Doing Business as <b>(blank)</b>	Division Name <b>Ardurra Group, Inc.</b>	Division Number <b>(blank)</b>
Congressional District <b>Florida 14</b>	State / Country of Incorporation <b>Florida / United States</b>	URL <b>www.ardurra.com</b>

## Registration Dates

Activation Date <b>Feb 1, 2022</b>	Submission Date <b>Jan 28, 2022</b>	Initial Registration Date <b>Sep 16, 2009</b>
---------------------------------------	--	--

## Entity Dates

Entity Start Date <b>Dec 19, 1977</b>	Fiscal Year End Close Date <b>Dec 31</b>
--	---

## Immediate Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Highest Level Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

## Proceedings Questions

Registrants in the System for Award Management (SAM) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2.C.F.R. 200 Appendix XII. Their responses are not displayed in SAM. They are sent to FAPIIS.gov for display as applicable. Maintaining an active registration in SAM demonstrates the registrant responded to the proceedings questions.

## Exclusion Summary

Active Exclusions Records?

**No**

## SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

**Yes**

## Entity Types

### Business Types

Entity Structure <b>Corporate Entity (Not Tax Exempt)</b>	Entity Type <b>Business or Organization</b>	Organization Factors <b>(blank)</b>
Profit Structure <b>For Profit Organization</b>		

**Socio-Economic Types**

Check the registrant's Repts & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

**Financial Information**

Accepts Credit Card Payments **No** Debt Subject To Offset **No**

EFT Indicator **0000** CAGE Code **5PTY7**

**Points of Contact**

**Electronic Business**

Richard Cloutier, Vice President **4921 Memorial Highway Suite 300 Tampa, Florida 33634 United States**

**Government Business**

Richard Cloutier **4921 Memorial Highway Suite 300 Tampa, Florida 33634 United States**

**Service Classifications**

**NAICS Codes**

Primary	NAICS Codes	NAICS Title
<b>Yes</b>	<b>541330</b>	<b>Engineering Services</b>
	<b>221310</b>	<b>Water Supply And Irrigation Systems</b>
	<b>541320</b>	<b>Landscape Architectural Services</b>
	<b>541340</b>	<b>Drafting Services</b>
	<b>541360</b>	<b>Geophysical Surveying And Mapping Services</b>
	<b>541370</b>	<b>Surveying And Mapping (Except Geophysical) Services</b>
	<b>541620</b>	<b>Environmental Consulting Services</b>
	<b>541690</b>	<b>Other Scientific And Technical Consulting Services</b>

**Product and Service Codes**

PSC	PSC Name
<b>R404</b>	<b>Support- Professional: Land Surveys-Cadastral (Non-Construction)</b>
<b>R424</b>	<b>Support- Professional: Expert Witness</b>
<b>R425</b>	<b>Support- Professional: Engineering/Technical</b>

**Disaster Response**

Yes, this entity appears in the disaster response registry.


Bonding Levels	Dollars
<b>(blank)</b>	<b>(blank)</b>

States	Counties	Metropolitan Statistical Areas
<b>Florida</b>	<b>(blank)</b>	<b>(blank)</b>
<b>Louisiana</b>		
<b>Texas</b>		

PROOF OF NO DELINQUENT TAXES OWED TO WEBB COUNTY

Name Ardurra Group, Inc. owes no delinquent property taxes to Webb County.

Ardurra Group, Inc. owes no property taxes as a business in Webb County.  
(Business Name)

 owes no property taxes as a resident of Webb County.  
(Business Owner)

Ignacio Hinojosa, P.E.  
Person who can attest to the above information

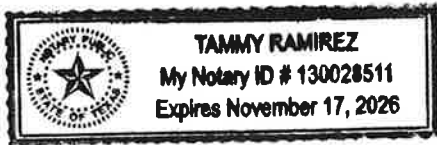
**\* SIGNED NOTORIZED DOCUMENT AND PROOF OF NO DELINQUENT TAXES TO WEBB COUNTY.**

The State of Texas  
County of Webb

Before me, a Notary Public, on this day personally appeared Dan Leyendecker, know to me (or proved to me on the oath of \_\_\_\_\_ to be the person whose name is subscribed to the forgoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office this 10<sup>th</sup> day of November 2022

Notary Public, State of Texas



Tammy Ramirez

(Print name of Notary Public here)

My commission expires the 17<sup>th</sup> day of November 2026