

WEBB COUNTY
RFQ 2020-10
MAY 22, 2020



STATEMENT OF QUALIFICATIONS
ENGINEERING SERVICES FOR
THE COLORADO ACRES RO WATER
TREATMENT PLANT RENOVATIONS
PROJECT

NORRISLEAL
ENGINEERING WATER

Submitted By
NorrisLeal, LLC
1222 East Tyler Avenue
Harlingen, Texas 78550
Texas Registered Engineering
Firm No. 14803



May 22, 2020

Webb County Purchasing Department
1110 Washington Street, Suite 101
Laredo, Texas 78040

Re: Statement of Qualifications for: RFQ 2020-010 "Engineering Services for the Colorado Acres RO Water Treatment Plant Renovations Project"

Dear Mr. Guerrero,

NorrisLeal, LLC is pleased to submit this Statement of Qualifications to Webb County for Engineering services for the Colorado Acres RO Water Treatment Plant Renovations Project.

Our capabilities in desalination is unsurpassed in Texas. Since 1988, Norris and Leal have provided the full range of services for desalination projects in Texas. We have and continue to provide process trouble shooting, planning, design, construction management, operations and construction. We have saved owners across the State of Texas over \$100 million in savings by eliminating excessive markup of equipment and subcontractors during construction as we show in this RFQ.

In addition, NorrisLeal is familiar with projects in south Texas and the border regions, having completed projects from Brownsville to El Paso, including projects in Webb County.

If needed, NorrisLeal could also provide bonded design and build services that may be the most cost-effective procurement and provide expedited service to the District.

NorrisLeal Contact: Joseph W. (Bill) Norris, P.E. (Authorized to bind the firm), 1222 E. Tyler Ave., Harlingen, TX 78550. We look forward to working with Webb County. Should you have any questions do not hesitate to contact me 956.983.1449. Thank you in advance for your consideration.

NorrisLeal, LLC



Joseph W. (Bill) Norris, P.E.
Principal

TABLE OF CONTENTS

Section 1: Firm History	1
Section 2: Current and Past Assignments	1
<i>Desalination Studies</i>	1
<i>Desalination Projects</i>	2
Section 3: NorrisLeal Team	3
Section 4: Project References	5
Key Projects Descriptions	5
Project References	11
Section 5: Ability to perform Engineering Services	12
Section 6: NorrisLeal Organization and Practices	13
Section 7: Firm’s Status Report	13
Section 8: NorrisLeal Valid Business and Licenses	13
Section 9: Legal History	13
Section 10: Forms	13

SECTION 1: FIRM HISTORY



NorrisLeal LLC is a privately owned, Texas-based engineering, construction and operations firm that specializes in water and wastewater treatment solutions. The firm's broad capabilities encompass planning, environmental assessments, engineering design, procurement, construction management, construction, commissioning and operations.

NorrisLeal (formerly known as *NRS Consulting Engineers*) was founded by Joseph William (Bill) Norris, PE more than 30 years ago. Mr. Norris and his partner, Jesús Leal, PE, have managed over 700+ technically unique public works projects in the US and abroad for both public and private clients. The firm has successfully developed the capability to provide economic value to their clients in project execution, offering hybrid construction management services, self-performing mechanical construction, and even providing startup and commissioning and operations services.

NorrisLeal's capability in desalination is truly exceptional, having has developed more than 15 desalination projects in Texas with a combined treatment capacity of more than 34 million gallons per day (MGD). NorrisLeal designed, built and operated both seawater desalination pilot projects in Texas and literally wrote the book on brackish groundwater desalination in the state (*Guidance Manual for Brackish Groundwater Desalination in Texas*, 2008; available online at: <http://www.twdb.texas.gov/innovativewater/desal/projects/northcameron/index.asp>)

SECTION 2: CURRENT AND PAST ASSIGNMENTS

DESALINATION STUDIES



- 1991 – South Padre Island Seawater Desalination Pilot Plant
- 1995 - Brownsville PUB, brackish groundwater feasibility
- 2001 - Willacy County Regional Water Authority, brackish groundwater feasibility
- 2002 - Texas Water Development Board, State of Texas brackish groundwater treatment assessment and feasibility
- 2008 - Guadalupe-Blanco River Authority, brackish groundwater feasibility
- 2008 - North Cameron Regional Water Supply Corporation, *Guidance Manual for Brackish Groundwater Desalination in Texas*
- 2008 - Texas Seawater Desalination Pilot Plant Study (Brownsville)
- 2009 - San Antonio River Authority and City of Kenedy, modifications to and expansion of brackish plant
- 2009 - Laguna Madre Water District, seawater desalination feasibility and pilot plant
- 2012 – Montgomery County MUD 8 & 9 – Alternative Water Supply Study
- 2010 - City of McAllen, brackish groundwater feasibility (1 MGD)
- 2011 - Lavaca-Navidad Water Authority, brackish groundwater feasibility (4 MGD)
- 2014 - City of Beeville Brackish Groundwater Study
- 2015 - City of Alice Evaluation of Water Supply Alternatives
- 2016 - Town of Bruni Removal of Arsenic Alternatives
- 2016 - Cinco MUD No. 1, Katy, Texas Brackish Desalination Feasibility
- 2016 – Enviro Water Minerals Co., Piloting for Brackish Concentrate Reuse

DESALINATION PROJECTS

Project	Year	Capacity (MGD)	Cost (\$M)	Norris Leal Role	Awards
Harlingen Desal Reuse	1989	2.0	11	Design and Construction Mgmt.	National League of Cities for Innovation
Laredo	1997	0.125	0.65	Design and Construction Mgmt.	
VMUD No 2	1999	0.25	0.70	*Design and Construction Mgmt	
La Sara	2004	1.0	1.25	Design and Construction Mgmt	
Southmost Regional Water Authority	2004	7.5	21.1	*Design and Construction Mgmt	AWWA Award for Water Conservation
North Cameron Regional	2005	2.25	6.25	*Design and Construction Mgmt	AWWA Watermark Award for Guidance Manual
Doolittle (North Alamo WSC)	2008	3.5	6.6	Design/Build/Const Mgmt	
Owassa (North Alamo WSC)	2008	3.5	6.6	Design/Build/Const Mgmt	
Donna(North Alamo WSC)	2011	2.5	7.5	Design and Build	
Laguna Madre WD Replace Sand Filters with Micro Filtration	2011	7.0	7.0	Design and Const. Mgmt	
Southmost Regional Expansion	2015	3.5	11.0	*Design and Construction Mgmt	
Enviro Water Minerals Full Recover Desalination, El Paso	2017	2.3	45	Design, Build Complete; Operate (Current)	2017 TWDB Innovative Supply Award; 2018 Global Water Project of the Year
Cinco MUD No. 1,	2018	2.0	7.0	*Design and Construction Mgmt	
Cinco MUD No. 1 Expansion	Current	3.8	5.5	Design and Build	
Bruni Arsenic Removal Project	Current	2	0.2	Design and Construction Mgmt	
Alice Brackish Desalination Project	Current	3.0	18	Design and Construction Mgmt.	
Brazoria County MUD#21	Current	2.0	2..0	Rehab; Design, bidding and partial Design build	

SECTION 3: NORRISLEAL TEAM

Joseph William (Bill) Norris, PE

Principal
NorrisLeal LLC

Joseph W. (Bill) Norris, PE has over 40 years of experience in the planning, design, and project management of municipal and industrial water and wastewater facilities. He has served as Principal since founding NRS Consulting Engineers (now NorrisLeal LLC) in 1988 in Harlingen, Texas. Mr. Norris built the firm into being a leader in the development of alternative water resources, developing the largest producing brackish groundwater plant in Texas (Southmost) and implementing the world's first Full Recovery Desalination Plant in El Paso, Texas. Mr. Norris has been actively involved in the research and application of advanced treatment methods of potable and reclaimed water and has been instrumental in the expansion of brackish groundwater desalination in Texas.

A highlight of Mr. Norris' project design and management experience includes:

- City of McAllen, Aquifer Evaluation and Production Well Construction, Hidalgo County, Texas
- Cinco MUD #1 (Katy, TX) Brackish Desalination Water Facility and expansion
- El Paso Enviro Water Minerals Full Recovery Desalination. Planning, Pre Design, Piloting, Design, Construction and Operations
- Laguna Madre Water District, Micro Filtration Improvements
- Southmost Regional Water Authority Micro Filtration and Reverse Osmosis and expansion
- Montgomery County MUDs 8&9 Alternative Supply Feasibility Studies and Design for Conjunctive Use Facility
- 3.5 MGD Doolittle Brackish Desalination Plant, Edinburg, Texas
- Laguna Madre Water District, Rehabilitation of WTPs Nos. 1&2
- Reuse Pilot study and report for Ultra filtration and Reverse Osmosis of effluent, Brownsville PUB
- Project Manager for 40 MGD upgrade to Brownsville PUB conventional surface water treatment plants
- City of Harlingen Wastewater Reuse Facility Plant Expansion and Desalination Wastewater Plant, Harlingen Texas

Mr. Norris is a licensed Professional Engineer in Texas, and is a life member of American Water Works Association and member of Texas Water Conservation Association, National Society of Professional Engineers, Texas Society of Professional Engineers. Mr. Norris also served as a Director of the American Membrane Technology Association, as President of the South Central Membrane Association, and currently serves as a board member of the Texas Desal Association.

Mr. Norris earned *MS Civil/Environmental Engineering* from the University of Texas at Arlington and a *BS Civil Engineering* from Texas A&M University, College Station.



Jesús Leal, PE

Principal
NorrisLeal LLC

Jesús Leal, PE is a principal of NorrisLeal with over 29 years of experience in the planning, design, project management and operations of municipal and industrial facilities, domestic and abroad. He has served as a Principal of NorrisLeal since the acquisition of NRS Engineers assets in 2012, and was a Principal at NRS Engineers. This experience has included the study, design, construction and operation of multiple water and wastewater treatment facilities in the United States and Mexico. Mr. Leal also has extensive expertise in the design and implementation of pilot and full scale brackish groundwater and seawater desalination facilities. Prior experience as an officer in the U.S. Navy and at the City of Harlingen Waterworks has provided Mr. Leal with training in the varied fields of personnel, material, maintenance management, project organization, and laboratory testing protocols.

Having worked closely with clients in the Rio Grande Valley and across Texas to complete a number of water treatment plant improvements projects, Mr. Leal is highly qualified to manage design and construction management tasks associated with this project. He has been directly involved in the design, construction, and operation of multiple water and wastewater treatment facilities.

Mr. Leal is a licensed Professional Engineer in Texas and is a member of the South Central Membrane Association, the National Society of Professional Engineers, the American Water Works Association, and the Texas Society of Professional Engineers.

Mr. Leal earned a *MS Environmental Engineering* from Texas A&M University, Kingsville and a *BS Chemical Engineering* from Texas A&M University, College Station.



Jose Leal, PE

Senior Project Engineer NorrisLeal LLC

Jose Leal, PE has over 12 years of experience in the civil and environmental engineering field. He has extensive experience in planning, design, project management, and construction management of infrastructure projects for both public and private sector. Mr. Leal's project experience includes design, project management and construction management of a wide variety of infrastructure sectors, including water and wastewater treatment, sewer, land development, commercial, industrial, transportation, drainage, and education.

Prior to NorrisLeal, Mr. Leal served as a project engineer for Halff and Associates for 13 years.

Mr. Leal's construction management experience is particularly strong in water infrastructure, including:

- o La Sara Reverse Osmosis Water Treatment Plant
- o Laguna Vista Wastewater Treatment Plant
- o Owassa Reverse Osmosis Water Treatment Plant
- o Doolittle Reverse Osmosis Water Treatment Plant
- o Donna Wastewater Treatment Plant Improvements
- o Hidalgo County MUD No. 1 Wastewater Treatment Plant
- o Hidalgo County MUD No. 1 Water Treatment Plant
- o La Hacienda Casitas Subdivision

Mr. Leal is a licensed Professional Engineer in Texas and earned a *MS Environmental Engineering* and a *BS Civil Engineering* from Texas A&M University, Kingsville.



Roel Campos, E.I.T.

Design Supervisor NorrisLeal LLC

Mr. Campos has over 28 years of experience in municipal, industrial water and wastewater projects. Primary roles include assisting engineers in design, analysis, drafting, and preparing engineering and construction documents for water and wastewater treatment plant design, conveyance and distribution system hydraulics including pump station design, drainage system, and thoroughfare/utility facilities. His expertise includes process controls, developing process and instrumentation diagrams using AutoCAD coupled with P&ID software as well as in the use of surveying GIS/GPS equipment and software (Arcview and Topcon) plus AutoCAD coupled with civil design software (Civil3D). He is also responsible for the planning, coordination, production, and quality control of construction plans and specification for projects designed by NorrisLeal

Relevant Project Experience:

- o La Sara Reverse Osmosis Water Treatment Plant
- o Southmost Regional Water Authority Iron and Arsenic Microfiltration Project
- o Brownsville PUB Elevated Storage tank and distribution sister booster pump station
- o Laguna Madre Water District Rehabilitation of Existing Water Treatment Plant
- o McAllen Public Utility Board Addition of brackish water well to existing water treatment plant
- o Owassa Reverse Osmosis Water Treatment Plant
- o Doolittle Reverse Osmosis Water Treatment Plant
- o Valley Municipal Utility District No. 2 sewer collection system improvements

Mr. Campos earned a *BA Mathematics from the University of Texas at Brownsville* and a *BA Government & Politics, from the University of Texas at Dallas*



SECTION 4: PROJECT REFERENCES

KEY PROJECTS DESCRIPTIONS

Cinco Ranch Municipal Utility District No. 1

Brackish Desalination Facility



In 2018 NorrisLeal completed the planning, design, and construction management of the 2.0 MGD brackish groundwater desalination facility for the Cinco Ranch MUD No. 1, "Master MUD" that serves the community west of Houston. Currently, NorrisLeal is currently working on the design and construction expansion upgrade to a capacity of 3.8 MGD.

Capacity 2.0 MGD (3.8MGD MF) expansion
Value Estimated Cost \$10 Million \$7.0 million Actual completed 2018 Expansion (current) \$5.5 million contracted (Sched. Completion 2019)
Tim Lawrence gtimlaw@yahoo.com Board President Cinco Ranch MUD No.1 Katy, Texas 713.208.9228 gtimlaw@yahoo.com

The facility will reduce the dependency on a freshwater aquifer in the Houston area that has led to subsidence. Regulations from the subsidence district require an entity to reduce its pumping by 30-50%. This project not only reduces pumpage of fresh water but will save the District over \$2M annually by reducing the pumping fees from the fresh water aquifer.

The brackish water comes from a lower aquifer, 3000 feet below the surface, not attributing to the subsidence in the area.

By bidding the project in multiple bids, the District saved over \$3M over a General Contractor led project.

Southmost Regional BWRO Facility Original Upgrade and Expansion for Arsenic Control - Southmost Regional Water Authority

Location

Brownsville, Texas

Capacity

7.5 MGD

Expansion to 11.0 MGD

Value

Estimated Cost \$27 Million

\$23 million Actual completed 2004

Expansion (current)

\$11 million contracted (Sched. completion
Jan 2015)

Constructed

2004

2013-15 (expansion)

Treatment System

Two-stage reverse osmosis

MF Arsenic Removal (expansion)

Associated Facilities

- 20 wells
- 15 miles of raw water collection lines
- 5 miles treated water transmission lines
- 7.5 MGD storage tank

Project Description

In 2001, SRWA retained NorrisLeal (formerly NRS) to study the initial feasibility of using reverse osmosis to treat local supplies of brackish groundwater. Subsequently, SRWA authorized extensive aquifer testing, including ten test wells and one pilot well, to determine the actual long-term quality and quantity of brackish groundwater available. The tests demonstrated reliable long-term supplies of groundwater with a relatively low salinity of 3,000 mg/l total dissolved solids.

The project encompassed 20 wells, 15 miles of raw water collection lines, 9 miles of treated transmission lines, a reverse osmosis membrane treatment system, and a 7.5-million-gallon ground storage tank.

In 2006, in response to the EPA reducing the maximum containment level of arsenic in public drinking water supplies, the SRWA began piloting arsenic removal treatment alternatives to evaluate the most cost-effective pretreatment configuration to comply with regulations. Microfiltration membranes were selected to remove arsenic compounds from the raw water stream.



Enviro water Minerals Company

Full Recovery Desalination SM plant (El Paso)



The world's first commercial Full Recovery Desalination SM plant is adjacent to El Paso Water's Kay Bailey Hutchinson Water Treatment Facility. The Full Recover DesalinationSM facility processes waste brine concentrate that is currently being disposed of through deep well injection about 20 miles

Capacity
2.5 MGD
Value
\$45 Million
Constructed
2017
Currently Being Commissioned
J. Hubble Hausman
CEO
Enviro Water Minerals Company, Inc.
9950 Cypresswood Dr. Suite #330
Houston, TX 77070

from the site.

The El Paso Full Recovery DesalinationSM plant was designed, constructed, managed and operated by NorrisLeal. Overall, the project warranted more than 300 contracts/purchase orders with suppliers from around the world.

Construction began February 2016 with completion and start-up in April 2017. This aggressive, 14-month construction timeline took a commitment and dedicated effort from the entire team of owners, engineers, contractors and suppliers.

This El Paso facility was designed to:

- Produce ~2.1 million gallons per day (mgd) of potable quality water from 1 mgd brackish water combined with 1.25 mgd of waste brine concentrate
- Create marketable commodities from the brine, including hydrochloric acid, caustic soda, gypsum and magnesium hydroxide
- Generate no waste products for disposal

****Project received Award of Distinction at the Global Water Summit in Paris, France in April 2018 and the 2017 Innovative Water Supply Award***

from the Texas Water Development Board

Donna Brackish Desalination Facility

North Alamo Water Supply Corporation



The North Alamo Water Supply Corporation (NAWSC) is the largest water supply corporation in the state, encompassing 973 square miles, serving more than 33,000 meter connections and an estimated 140,000 people. NAWSC has historically treated surface water diverted

Capacity
2.5 MGD
(2.0 MGD RO)
Value
\$7.5 million
Constructed
2011
Feed Water Quality
3,500 mg/L TDS
Stephen Sanchez, Gen Manager
General Manager
North Alamo Water Supply Corporation

from the Rio Grande at six different facilities located throughout its three county service area.

NL assisted NAWSC with an ambitious program to construct a network of brackish groundwater reverse osmosis (RO) plants to serve rural populations in northern Willacy, Hidalgo, and Cameron counties. This project continues NAWSC efforts to develop cost-effective alternatives to Rio Grande surface water. Having gained confidence in our capabilities to design and manage the construction of its four other BWRO facilities, NAWSC signed the first design-build contract for a public water supply project with NL. This contractual arrangement allows a single contract with one company to provide design and construction services, with the goal of streamlining the process and realizing cost savings. ***With construction completed five months ahead of schedule and within budget, the project demonstrates the efficiency attainable using innovative project delivery methods.***

For the project, NL managed all tasks associated with the project, including piloting studies, groundwater evaluations, and subcontractor management, while providing design and construction services. To complete the project, NL recognized the need to offer specialized RO process design and construction services, and was able to fabricate the treatment components in-house. When this project is completed, NL will have developed a total of 10.75 MGD BWRO capacity for NAWSC (5 projects).

North Cameron Regional Brackish Desalination Plant

North Cameron Regional Water Authority

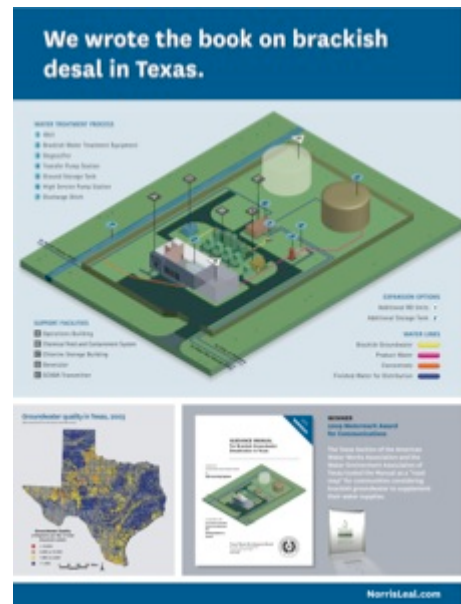


In 2004, North Alamo Water Supply Corporation teamed with East Rio Hondo Water Supply Corporation and the City of Primera to develop a regional brackish desalination plant. The North Cameron Regional Water Authority was established to provide an alternative water source to its member entities. NL was hired to study the feasibility of the project and provide design and construction management

services for the full-scale facility. The 2.25 MGD blended BWRO facility was completed in 2007 at a cost of \$6 million. This project allowed authority members to save 2,800 acre feet in water rights at a capital value of \$5.8 million. Facilities include a 3 MGD transfer pump station and 6 MGD high service pumping station. Total plant capacity can be expanded to 4.5 MGD as demand grows. The project was able to realize cost savings by co-locating the groundwater wells and treatment facility on the same property.

Capacity	2.25 MGD (2.0 MGD RO)
Value	\$6 million
Constructed	2007
Feed Water Quality	3,800 mg/L TDS
Reference	Stephen Sanchez, General Manager

Services provided by NL include design and construction management, permitting, securing financing and assisting the establishment of the new authority. Development of this facility also served as the subject of the **award-winning** Guidance Manual for Brackish Groundwater Desalination in Texas (Attachment Included), which NL also completed. This publication was written to serve as a roadmap for municipalities considering developing brackish groundwater as a new resource.



Water Treatment System for Arsenic Removal

Bruni Rural Water Supply Corporation

Micro Filtration Arsenic Removal Project

**Location**

Bruni, Texas

Treatment System

Microfiltration Arsenic Removal

Associated Facilities

3 wells

Project Reference:

Priscilla Solano- Chapa, General Manager

P.O. Box 97

Bruni, Texas 78344

E: Priscilla.chapa@tx.nacdn.net

C: 956.489.3292

In July of 2014, BRWSC engaged NorrisLeal to prepare a study that evaluates different alternatives to remove excessive arsenic in their groundwater supply. This study evaluated two different treatment techniques— Reverse-Osmosis (RO) and Micro-Filtration (MF) as the best available technologies for arsenic removal.

The focus of this project is to provide the Town of Bruni with a drinking water supply that meets or exceeds Texas Commission on Environmental Quality (TCEQ) requirements and bring them back into compliance. The wells already exist and therefore the capacity is set. The current capacity for the three wells is approximately of 25, 35, and 40 gpm respectively.

The NorrisLeal team evaluated potential treatment technologies that could be cost effective in removing arsenic from groundwater. The raw groundwater was tested for several parameters including Arsenic. The data showed Arsenic concentrations ranging between 60 and 101 ppb. These levels exceed the TCEQ maximum contaminant limit of 10 ppb.

Based on the evaluation of both treatment alternatives, it was determined that Microfiltration (MF) was the most effective means of arsenic removal for Bruni.

Prior to implementation of the MF system for BRWSC, a pilot study was conducted by NorrisLeal as per TCEQ requirements. NorrisLeal prepared Pilot Operations and Testing Protocols. The pilot system operated for approximately five months. During that time, data was collected, analyzed and compiled into a report for TCEQ approval of the proposed MF system. Once the pilot report was approved by TCEQ, NorrisLeal Design the Treatment System and prepare construction plans, technical specifications, and contract documents. NorrisLeal submitted construction plans and specification for the full-scale facility were for review and final approval for construction. Additionally, NorrisLeal helped with renewal to their TCEQ Domestic Discharge permit and to include the Interface with TCEQ for confirmation of backwash waste disposal on the existing stabilization ponds.

NorrisLeal assisted BRWSC to apply for USDA funding. In 2016 BRWSC was awarded a Grant/Loan from the USDA Rural Development and Webb County in the amount of \$2,017,300. Webb county provided a grant of \$400,000 and USDA Rural Development provided a Grant/Loan of \$1,617,300 (\$1,375,300/\$242,000).

The Project is currently in the bidding phase of the project. Construction is expected to begin in the Fall 2020 with operation of the MF Plant in the Spring 2021.

PROJECT REFERENCES

John Bruciak, PE, General Manager and CEO

Southmost Regional Water Authority

1425 Robinhood Street

Brownsville, TX 78521

956.983.6278

E: jBruciak@brownsville-pub.com

Jim Cusack, Board Vice President

Cinco Ranch MUD No. 1

21670 Westheimer Parkway

Katy, TX 77450

713.253.7034

E: jimcusack@juno.com

Michael Esparza, City Manager

City of Alice Texas

500 East Main Street

Alice, TX 78332

361.668.7210

E: Michael.esparza@cityofalice.org

Priscilla Solano- Chapa, General Manager

Bruni Rural Water Supply Corporation

P.O. Box 97

Bruni, Texas 78344

E: Priscilla.chapa@tx.nacdnet.net

C: 956.489.3292

Linda Wilson, Board President

Montgomery County MUD 9

31301 Melville Drive

Montgomery, TX 77356

936.448.2828

E: lindargwilson@gmail.com

Steve Sanchez, General Manager

North Alamo Water Supply Corporation

420 South Doolittle Road

Edinburg, TX 78539

956.383.1618

E: ssanchez@nawsc.com

SECTION 5: ABILITY TO PERFORM ENGINEERING SERVICES

SCOPE(Addendum 2): The selected Engineering firm will provide assistance to Webb County in developing Requests for Proposals (or other procurement method, as determined by the Commissioners Court) and reviewing Responses to the Request for Proposals as to specifications and other design elements for this project so that Webb County may determine which Proposal provides the best value to Webb County including the efficiency and regulatory compliance of the Proposed system. The services to be rendered by the selected Professional Engineer include, but are not limited to, assistance in developing scoring criteria, the review of specifications, compliance with regulatory requirements, efficiencies and analysis of submissions for the submitted proposals, in order to promote cost effective procurement, efficient construction, streamlined commissioning and start-up, and efficient operations of the Colorado Acres Reverse Osmosis (RO) Water Treatment Plant. The firm selected may additionally be requested to provide construction management and operational phase services throughout the duration of this project in order to provide a timely and efficient start-up, support a safe, eco-friendly, and efficient operation with maximum lifetime facility performance. Firms will assist Webb County to ensure all TCEQ regulatory guidance and compliance are met, ensure that the necessary permits and any operational/procedural manuals required to run a Public Water System as per State and Local rules and regulations are included and correct.

Experience: NorrisLeal has completed more desalination projects and studies in Texas than any other firm, from the largest producing plant in Texas (Southmost Regional Water Authority in Brownsville Texas) to small plants similar to Bruni (arsenic control). Many of the plants are originally designed and managed by NorrisLeal and there are also plants that NorrisLeal has provided process review and completed or recommended modifications to enhance performance and/or expand to meet the demands of the customer.

Construction Management: NorrisLeal has assisted owners in managing the procurement of construction services to achieve the most cost effective and best value projects. For example, Southmost Regional Water Authority was bid in 15 bid packages, saving the owner over \$7 million and the same plant expansion, 10 years later, we bid 8 bid packages and saved the owner \$4 million over conventional design-bid-build.

Permitting: For all projects listed in Section 2, NorrisLeal obtained all permits (where needed) from the Texas Commission on Environmental Quality (TCEQ). NorrisLeal has worked closely with TCEQ for the last 30 years in developing the best approach for concentrate discharge from each plant.

Start up and training: NorrisLeal has provided start up and training for all projects completed. We develop and train the Owners operations staff beginning with the design process and continue through the construction process. This gives the operator "ownership" in the design and ultimately in the operation of the plant.

Operations: NorrisLeal provides operations for several plants in Texas. Some may be permanent and other may be part time assistance or until operations staff are fully comfortable with a different technology than operators may be used to. We are providing 24/7 operation of the EWM Full Recovery Desalination Plant in El Paso and working with Cinco MUD1 and Brazoria County MUD for operations assistance for their desalination plants.

Design-Build: NorrisLeal has found that design-build method has saved millions of dollars and time for certain projects. EWM El Paso Project, owners sought bid from bid packages (over 200 purchase orders) with bids ranging from \$75 million to \$100 million. They approached NorrisLeal to complete the construction of the project for a cost of \$45 million. Cinco MUD1 contracted with NorrisLeal to design-build the 4 mgd micro-filtration pretreatment to the RO plant. Construction was completed in 3 months.

SECTION 6: NORRISLEAL ORGANIZATION AND PRACTICES

NorrisLeal, as mentioned before, has saved Owners millions of dollars in the methods of construction and procurement. In the desalination construction industry in Texas, there are few general contractors experienced in the construction of desalination facilities. NorrisLeal has always had the motto to keep desalination affordable and thus developed a construction managed approach whereby breaking contracts up into various construction disciplines allowing more local participation, eliminating excessive general contractor mark ups and assures the owner that they will get the most cost-effective project and best value. This method has saved the owner in ALL projects completed by NorrisLeal in excess of 30%.

To further the value to the owner, NorrisLeal provides specialized construction services that include mechanical and electrical construction of reverse osmosis and micro filtration facilities. This has become necessary because of the lack of qualified contractor in Texas.

SECTION 7: FIRM'S STATUS REPORT

NorrisLeal will be represented by Joseph Norris or Jesus Leal at Commissioners Court meeting and will give updates in the form of monthly reports in word document format as well as power point presentations showing progress that would include photos, drawings, 3D animation as needed. For Cinco MUD1, NorrisLeal provided a monthly video that included drone footage for the board members to see construction progress as if they were walking through the plant. A link to a recent video can be found here: <https://vimeo.com/378812865>

SECTION 8: NORRISLEAL VALID BUSINESS AND LICENSES

NorrisLeal and all sub-contractors are licensed to provide professional engineering services in Texas. NorrisLeal carries professional liability and umbrella policy in excess of usual requirements. NorrisLeal also has construction bonding capabilities as well.

SECTION 9: LEGAL HISTORY

NorrisLeal, LLC does not have history of litigation, claims, or disputes.

SECTION 10: FORMS

1. Conflict of Interest
2. Code of Ethics Affidavit
3. Proof of No Delinquent Taxes



Proposer Information

Name of Company: NorrisLeal, LLC
Address: 1222 East Tyler Avenue
City and State: Harlingen, Texas
Phone: 512.983.1449
Email Address: bnorris@norrisleal.com

Signature of Person Authorized to Sign:

A handwritten signature in blue ink, appearing to read "Bill Norris", is written over a horizontal line.

Signature

Joseph W. (Bill) Norris P.E.

Print Name

Principal

Title

Indicate status as to "Partnership", "Corporation", "Land Owner", etc.

Active Corporation

May 11, 2020

(Date)

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

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

Proposer Information

A minimum of five (5) references with whom the firm has performed substantially similar services described in this document.

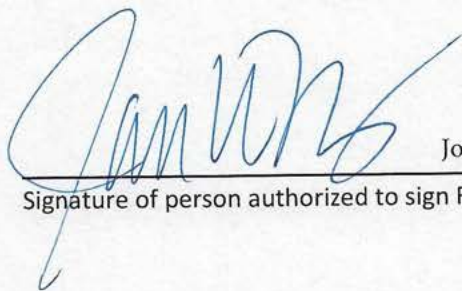
Conflict of Interest form (Form CIQ)

Certification regarding Debarment (Form H2048)

Certification regarding Federal lobbying (Form 2049)

Code of Ethics Affidavit

Proof of No Delinquent Tax Owed to Webb County



Joseph W. (Bill) Norris

Signature of person authorized to sign RFQ

May 11, 2020

Date

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.

None

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.

None

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

May 11, 2020

Date

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.
NorrisLeal, LLC	46-1387908	


Signature of Authorized Representative

May 11, 2020
Date

Joseph W. (Bill) Norris
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.)

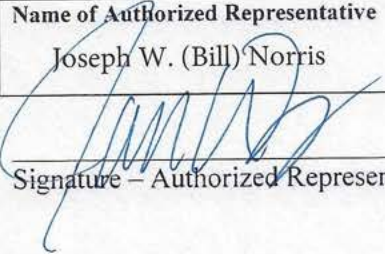
3. The undersigned shall require that the language of this certification be included in the award documents for all covered subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all covered subrecipients will certify and disclose 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.
NorrisLeal, LLC	46-1387908	

Name of Authorized Representative	Title
Joseph W. (Bill) Norris	Principal



Signature – Authorized Representative

May 11, 2020

Date

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

STATE OF TEXAS *

KNOW ALL MEN BY THESE PRESENTS:

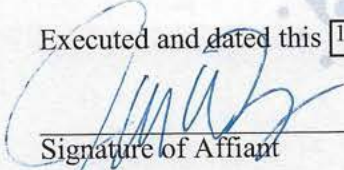
COUNTY OF WEBB *

BEFORE ME the undersigned Notary Public, appeared Joseph William Norris, the herein-named "Affiant", who is a resident of Travis 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.webbcountytexas.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@webbcountytexas.gov.

Executed and dated this 11 day of May, 2020.



Signature of Affiant

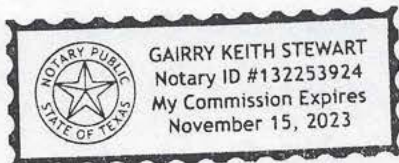
NorrisLeal LLC

Printed Name of Affiant/Company/Entity

SWORN to and subscribed before me, this 11 day May, 2020



NOTARY PUBLIC, STATE OF TEXAS

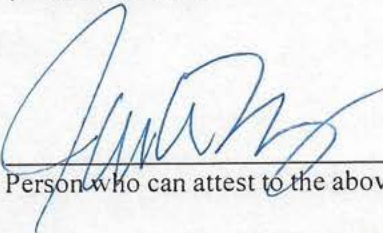


PROOF OF NO DELINQUENT TAXES OWED TO WEBB COUNTY

Name Joseph William Norris owes no delinquent property taxes to Webb County.

NorrisLeal, LLC owes no property taxes as a business in Webb County.
(Business Name)

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



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 Joseph William Norris, 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 11 day of May 2020.

Notary Public, State of Texas

 Gairry Stewart

(Print name of Notary Public here)

My commission expires the 15 day of November 2023.

