

Statement of Qualifications for the:

Mirando City Water Storage Standpipe Tank Design Project RFQ 2017-001

For Submittal to: WEBB COUNTY, TEXAS



MARCH 2017



PROJECT ORGANIZATION Name & Business Address of the Lead Engineering Firm

Porras Nance Engineering 304 East Calton Road Laredo, Texas 78041 (956) 724-3097

http://www.porrasnance.com

Responsible Principal – Thelma Porras Nance, P.E., CFM

Company Profile

Porras Nance Engineering founded as Porras Engineering Co. in 1981, is a Laredo based civil engineering and surveying firm with over twenty-five years of experience in providing engineering and surveying expertise in the design and preparation of plans, specifications, and estimates for all types of projects. Porras Nance Engineering is designated as a Small, Minority, Woman Business Enterprise (S/M/WBE), a Disadvantaged Business Enterprise (DBE) and certified as a Historically Underutilized Business (HUB) by the State of Texas.

Porras Nance Engineering has eight (8) employees, including four (4) engineers licensed in the State of Texas, one of which is a Registered Professional Land Surveyor, two (2) computer technicians (CAD) operators, and a survey crew. Porras Nance Engineering now offers a wide variety of experience in engineering projects over an entire range of services such as engineering, surveying, planning, studies, preparation of plans and specifications, coordination with utilities, preparation of bid packages, bid tabulations, construction staking, construction observation, review of lab reports, field alteration requests, contractor estimates for payment, recapitulations, as built drawings, estimating, comprehensive engineering services, and construction management.

Porras Nance Engineering specializes in elevated water storage tanks, standpipes and ground storage tanks, booster stations, water mains, hydraulic modeling, and water infrastructure projects of any size We have interacted extensively with all government agencies associated with water and wastewater projects, from the local to federal level. We have personal, working relationships with staff at Texas Commission on Environmental Quality (TCEQ), Texas Water Development Board (TWBD), FEMA, US Corps of Engineers, as well as the various Departments within the City of Laredo and Webb County.

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Mirando City Storage Standpipe Tank Design Project

SUBCONSULTANT -

Raba Kistner (Geotechnical) Katrin Leonard, P.E. 12821 W. Golden Lane, San Antonio, TX 78249, 210-699-9090

Raba-Kistner has the proven experience, the established reputation, and the seasoned professionals in the geotechnical engineering field. Founded in 1968, the 300-person firm of Raba-Kistner Consultants Inc., is an *Engineering News-Record* "Top 500 Company," operating in seven different markets in Texas and México. Raba-Kistner, headquartered in San Antonio, Texas, provides professional and technical project management and oversight services, which also include construction testing and observation, environmental engineering and consulting, geotechnical and facilities engineering, and pavement consulting. RK's strength is built on our depth of experienced professionals who have served the southern region for over three decades.

RK's reputation developed throughout Texas, so have their office locations. Today they have dedicated offices in Texas and México to serve clients' needs. With headquarters in San Antonio, Texas, service locations have expanded to Austin, Brownsville, El Paso, Houston, McAllen, and Pflugerville, Texas. Due to regional growth in México, they have met the increasing demands through providing our engineering services in México.

RK's experienced staff currently consists of over 300 civil, environmental, geotechnical, materials and mining engineers, environmental geologists, industrial hygienist, scientists, technicians, administrative, and support personnel. RK has extensive in-house knowledge in geotechnology, geology, hydrogeology, industrial hygiene, air quality, civil, and environmental engineering.

RK has successfully provided over three decades of continual engineering/consulting services to Texas and have the largest staff of engineers, geologists, scientists, and industrial hygienists practicing in the geotechnical field in the state.

SUBCONSULTANT - Cleary Zimmermann(Electrical) John Cleary, P.E. 1344 S. Flores, Suite 101, San Antonio, TX (210) 447-6100

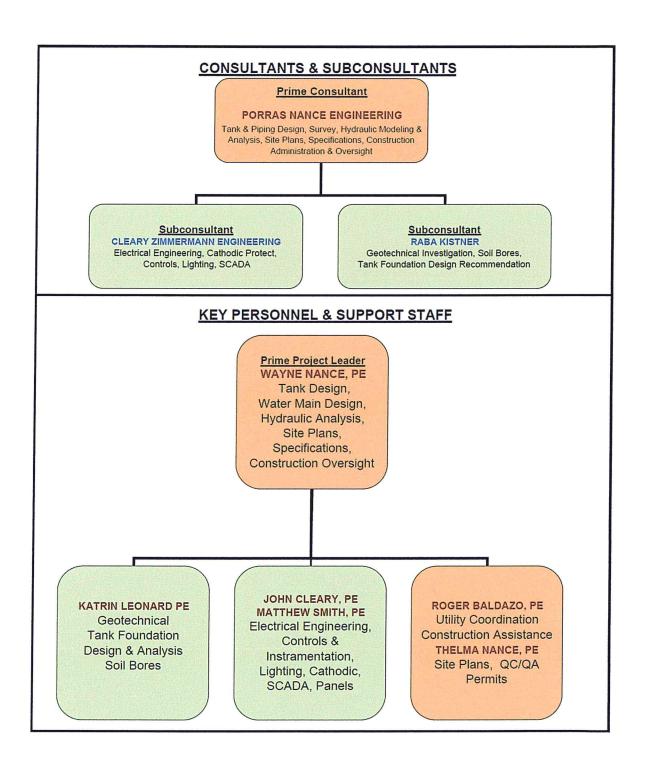
Cleary Zimmermann Engineers (CZ) is an engineering firm specializing in mechanical, electrical and plumbing (MEP) systems. CZ's Water/Wastewater Division provides unparalleled expertise and service in areas of electrical, control, instrumentation, data acquisition engineering, and mechanical systems related to water and wastewater treatment facilities. CZ's experience and quality of work has lead to provide design standards for such clients as Bexar Met Water District, City of McAllen, Canyon Lake Water Service Company, Travis County WCID No.17, Brownsville PUB, and GBRA. These design standards range from wastewater lift stations and booster station designs, to instrumentation and supervisory control and data acquisition (SCADA) system designs.

As the director of CZ's Water/Wastewater Division, John Cleary, PE brings more than thirty years of engineering experience in a variety of water and wastewater treatment facilities, and has developed an expertise in the control and chemistry of water and wastewater, including all regulatory requirements. Each Water/Wastewater engineering team member has worked in the construction of water and wastewater treatment facilities, which ensures that CZ designs are practical to construct and easy to maintain.

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PROJECT ORGANIZATION CHART



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EXPERIENCE & REFERENCES

PRINCIPAL IN CHARGE & PROJECT MANAGER/ENGINEER

WAYNE NANCE, P.E., R.P.L.S.

EDUCATION: B.S. Civil Engineering, Texas A&M University, 1995

REGISTRATION: Licensed Professional Engineer, Texas No. 87006

Registered Professional Land Surveyor, Texas No. 6235

EXPERIENCE: Wayne Nance has been the project engineer for many water and sewer utilities and municipalities throughout South Texas. Wayne specializes in all aspects of water and sewer system design, analysis, and construction including water main design, ground & elevated tanks, capacity determinations, hydraulic modeling, pump selection, booster stations, and water and sewer treatment facilities. He also has substantial experience in the development and implementation of engineering contract documents and specifications and can assist the County with contract bidding, award, execution, and during disputes of the same. His comprehensive understanding of water and sanitary sewer design and analysis and his thorough familiarity of TCEQ requirements make him the ideal project engineer for most of the County's professional needs.

It is important to note that for the project experience listed below, Wayne was the

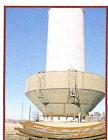


lead engineering designer, often drafting the plans, specifications, and contract documents personally. He worked directly with contractors in the field during construction and has become familiar with the means and methods used to complete projects. Wayne also served as the primary point of contact to each client and attended staff and council meetings as required for project updates and presentations.

RECENT PROJECT EXPERIENCE

Client: GREEN VALLEY SPECIAL UTILITY DISTRICT

Project Title: 500,000 Gallon Composite Elevated Tank
Project Scope: Wayne prepared the plans, specifications,
and construction oversight for the construction of this 120 foot
tall composite elevated tank with foundation, concrete support
pedestal and welded steel tank. The plans included site grading,



cathodic protection, painting, fencing, lighting, electrical, SCADA ready equipment, and 16"/20" approach mains. The design was developed using AWWA D100, Standards for Welded Steel Elevated Tanks for Water Storage. Erected by Landmark Structures at a cost of roughly \$750,000. Completed in 2002.



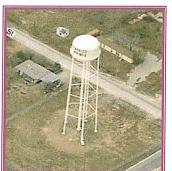
Contact: Pat Allen - General Manager - (830) 914 - 2330.

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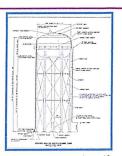
Mirando City Storage Standpipe Tank Design Project

Client: CITY OF CARRIZO SPRINGS

Project Title: 250,000 Gallon Multi-Column Elevated Tank Project Scope: Wayne prepared plans and specifications for



the construction of this multi-column, welded steel elevated tank, with site grading, cathodic protection, painting, approach main piping and electrical. This project developed a hydraulic model to locate and size the elevated tank, required



pump and pipe upgrades, and other improvements that increased system efficiency and performance. Construction cost was estimated at \$550,000. Design Completed July 2006, Construction oversight by others. **Contact: Mario Martinez** –

City Administrator - (830) 876 - 2476.

City Administrator -

Client: CITY OF POTEET

Project Title: Elevated and Ground Storage Tank Repairs

Project Scope: Plans and specifications were prepared to repair and repaint two (2) of the City's 100,000 gallon elevated tanks and to dismantle and reconstruct one (1) of their 200,000 gallon welded steel ground storage tanks, which had substantial structural deterioration. The City's famous Strawberry [steel spheroid] tank was considered a historic monument. Repainting its strawberry seed pattern was accomplished by hammering small divots onto steel shell over the faded paint lines to ensure exact pattern duplication. Construction cost \$350,000. Completed 2005. Contact: Larry Pippen, City Administrator (830) 780 - 3422



Client: CITY OF LAREDO WATER UTILITIES DEPARTMENT

Project Title: Various Distribution and Transmission Main Improvements

Project Scope: Plans, specifications, and construction oversight were provided by Wayne for the following partial list of notable water main projects for the City:

2013 Water & Wastewater Hydraulic Model – Developed and upgraded the water system hydraulic model for the Laredo water distribution system, plant facilities, **including a tank cycling and water quality evaluation**, with associated reports, recommendations, and projected improvement requirements.

24" Transmission Water Main - 18,000' of 24" PVC transmission main through local city streets, air vacuum/release valves, hydrants, boring 680' of 36" steel casing below highways and sewers with associated street repair. Construction cost: \$4.1 million. Completed June 2012.

HWY 359 Booster Pump Improvements – Added 1 – 800 gpm high service, split case pump and motor to the existing booster station with associated plant piping and electrical upgrades. Project complete August 2010. Construction cost: \$85,000.

Reference Contact: Riazul Mia, P.E., Utilities Director - (956) 721-2000.

Mirando City Storage Standpipe Tank Design Project

PROJECT MANAGER - GEOTECHNICAL SUBCONSULTANT

KATRIN LEONARDO, P.E. – RABA KISTNER

EDUCATION: B.S., Civil Engineering, 1999, Carleton University, Ontario

REGISTRATION: Licensed Professional Engineer, Texas No. 95810

MEMBERSHIPS: American Society of Civil Engineers

EXPERIENCE: As a Project Professional for seven years with Raba-Kistner's Rio Grande office, Katrin has assumed progressive responsibility in management, administration, and coordination of geotechnical and facilities services throughout South Texas, the Texas/México border, and Northern México. She has experience in project management/administration of numerous educational and institutional health facilities, elevated storage tank foundation designs, water and wastewater treatment plants for city and state Economically Distressed Area Programs, and transportation efforts, including airports, communication towers, and streets.

RECENT PROJECT EXPERIENCE:

Client: CITY OF LAREDO WATER UTILITIES DEPARTMENT

Project Title: 3 MG Elevated Storage Tank

Project Scope: Provided supplemental recommendations to an original geotechnical engineering study regarding possible alternatives to implementing a shallow foundation system to support a proposed 3 MG gallon elevated storage tank. Design and construction recommendations were provided, as well as the estimated settlement values for the proposed elevated tank structure. *Geotechnical* Completed 2010.

Client: McALLEN PUBLIC UTILITY

Project Title: 1 MG Elevated Storage Tank

Project Scope: The design addressed a tower structure expected to create relatively moderate to heavy loads to be carried by the foundation system to consist of either a shallow foundation system or a drilled, straight-shaft pier, deep foundation system. The broad objectives of the study was to determine subsurface conditions at the subject site and to provide foundation design and construction recommendations for the proposed elevated water tank structure. *Geotechnical* Completed May 2011.

Client: CITY OF HARLINGEN

Project Title: 2 MG Elevated Storage Tank

Project Scope: This study involved drilling exploratory borings within the proposed elevated tank structure footprint area, and performing laboratory testing that included Atterberg Limits, unconfined compressive strengths, dry unit weights, corrosivity testing (including pH, electrical resistivity, and sulfate and chloride content), consolidation tests, and -200 tests. An engineering report presented foundation design and construction recommendations for the proposed elevated water storage tank structure. *Geotechnical* Completed 2007.



PROJECT MANAGER - ELECTRICAL SUBCONSULTANT

JOHN CLEARY, P.E. – CLEARY ZIMMERMANN ENGINEERING

EDUCATION: B.S., Electrical Engineering, 1974, Texas A&I University, Kingsville

REGISTRATION: Registered Professional Engineer, Texas No. 51130

MEMBERSHIPS: National Society of Professional Engineers

Texas Society of Professional Engineers

EXPERIENCE: Principal engineer in charge of design, construction observation, planning, scheduling, cost estimating, financial and administrative duties required to operate a consulting engineering company. Prior experience includes ten years experience in the design and construction of fossil fuel electric generating stations, electrical transmission and distribution systems, high voltage electrical substations and switching stations and ten years experience in the design and construction of water and wastewater treatment facilities.

Cleary Engineering only designs water and wastewater facilities and has a comprehensive understanding of water and wastewater control processes, chemistry, and associated regulations. Each engineer in the firm has worked in the field as an electrician, so designs consider practicality, constructability, and future maintenance.

RECENT PROJECT EXPERIENCE:

Client: BEXAR METROPOLITAIN WATER DISTRICT

Project Title: Stevens Ranch Well Site & Pumping Facility 178

Project Scope: Project consisted of 6 MGD pumping facility with 1 million gallon ground storage tank, 2.5 million gallon elevated storage tank, two 500 HP well pumps, two 150 HP and two 75 HP Booster pumps with VFD controls, hydropneumatic tank and controls, Miox chemical system, emergency generator, and system control and data acquisition system (SCADA). Construction cost \$10,000,000

Client: TRAVIS COUNTY WATER CONTROL & IMPROVEMT. DISTRICT

Project Title: Travis County Water Control and Improvement District No.17

Project Scope: Lake Travis High School Pumping Facility - Project consisted of 2

MGD pumping facility with 1 million gallon ground storage tank, two 125 HP Booster pumps using VFD controls, emergency generator, and system control and data acquisition system (SCADA). Construction cost \$4,000,000.

Client: CANYON LAKE WATER SERVICE COMPANY

Project Title: Park Shores, Triple Peak Water Treat. Plants and Booster Stations Project Scope: Project consisted of one 6MGD Park Shores filter water treatment plant, one Triple Peak 3MGD filter water treatment plant, two pumping stations each with .25 million gallon ground storage tanks with two booster pumps, emergency generators at each site, and SCADA. Construction cost \$7,500,000.



PROJECT ENGINEER

ROGELIO BALDAZO P.E.

EDUCATION: B.S. Civil Engineering, Autonomus University of Nuevo Leon, 1994

REGISTRATION: Licensed Professional Engineer, Texas No. 92652

EXPERIENCE: Rogelio Baldazo is a project manager for the development of residential, commercial and industrial subdivision projects, as well as city projects, that include water mains, sanitary sewers, lift stations, street, and storm sewer designs. He has substantial experience in water and sewer design and construction. Rogelio's experience with the City personnel and other local utilities over the last ten years makes him familiar with City standards and preferences that will minimize City time and effort during the design and construction period of future projects with the Utilities Department. He was responsible for the following related projects:

RECENT PROJECT EXPERIENCE:

Client: CITY OF LAREDO WATER UTILITIES DEPARTMENT

Project Title: Various Distribution and Transmission Main Improvements

Project Scope: Rogelio provided in depth design assistance and preparation of

plans and specifications for the following, previously described projects:

TxDOT Water & Wastewater Utilities Relocation 24" Transmission Water Main

Project Title: Various Subdivisions within Laredo

Project Scope: The following is an incomplete list of subdivisions and other private developments that Roger managed from their preliminary stages to construction completion. Each subdivision involved engineering design of water and sewer mains varying from 8" to 16" in diameter, which were developed in accordance with the Utility Department's standards and preferences:

- Eleden Subdivision Units I, II, III, VII, VIII, X, XV & XVII
- James Haynes Industrial Park Units I –IV
- Santa Rita Subdivision Units X, XI & XIII
- Sierra Vista Subdivision Units Multiple Phases
- College Heights Subdivision Unit I IV
- Cuatro Vientos Subdivision, Multiple Phases
- Las Misiones Subdivision Unit I IX

Roger's extensive background with the water and sewer systems in the Laredo area gives him an advantageous familiarity with the area's utility system, which ultimately benefits the County's Utility Department. Roger is also familiar with many personnel at TxDOT, which make him the ideal liaison for permits and coordination with the Department.

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PRINCIPAL & PROJECT ENGINEER

THELMA PORRAS NANCE, P.E., CFM

EDUCATION: B.S. Civil Engineering, Texas A&M University, 1993

REGISTRATION: Licensed Professional Engineer, Texas No. 87839

Certified Floodplain Manager, No. 2096-11N

EXPERIENCE: Thelma Porras Nance has been involved in the design of many drainage and environmental projects. She specializes in hydrologic and hydraulic modeling of flood plains, storm water detention facilities, sedimentation/infiltration basins, channel improvements, and related drainage design. Her experience includes street, water and sanitary sewer design, storm sewer designs, grading plans, subdivision plats, and floodplain studies. She is fluent in the environmental permitting process required by FEMA and U.S. Army Corp of Engineers, which may be required by this project.

RECENT PROJECT EXPERIENCE:

Client: LAREDO ENVIRONMENTAL PERMITS

Project Title: Eleden Detention Pond – Section 404 - Individual Permit

Project Scope: Thelma prepared hydrologic & hydraulic calculations associated with the design of a 54 acft detention pond with a 524 acre drainage area in South Laredo. She also prepared the Section 404 Individual Permit for this project, which



obtained approval from the USACE and the City of Laredo. She submitted the jurisdiction determination, the Mitigation Plan that identified compensatory mitigation measures, and oversaw the preparation of a Comprehensive Environmental Assessment of the project area in accordance with NEPA criteria. Issues addressed included threatened and endangered species, wetlands, floodplains, noise and air impacts, environmental justice, cultural resources and public involvement. Contact – Rogelio Rivera, P.E. – (956) 791-7346 or Riazul Mia, P.E. – (956) 794-1650

Project Title: Springfield Avenue North Extension – L.O.P. #2 Permit

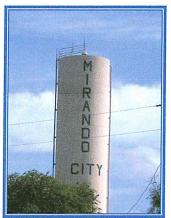
Project Scope: Thelma prepared the application to the USACE to obtain a permit to construct approximately 1,300' of new concrete lined channel in potential jurisdictional waters of the U.S. As part of the application process, notification letters were sent to and approved by the TPWD, THD, TGLO, and USFWS. A Letter of Permission No. 2 was filed, which allowed a relatively streamlined permit process and saved the City time and cost. Thelma also prepared the hydraulic study of the proposed drainage improvements to this area. Client contact – Rogelio Rivera, P.E. – (956) 791-7346.



PROPOSED PROJECT APPROACH & METHODOLOGY

The proposed project involves preparing preliminary and final design construction plans, cost estimates, and construction administration to erect a new standpipe or similar elevated storage tank in Mirando City with project coordination and approval through Webb County. *Porras Nance Engineering is experienced in the engineering design, analysis, and construction oversight of elevated water storage tanks.* We are qualified to provide the engineering and survey services required to complete the project *locally and ahead of schedule* in accordance with the County's expectations.

Project Scope



We understand that this project will provide a new standpipe style storage tank for Mirando City Water Supply Corporation (MCWSC) with connecting approach water main(s). The new tank dimensions and elevation must be sufficient to address outstanding TCEQ elevated storage capacity violations and allow modest system growth, but must remain within the existing well pump performance limits. Geotechnical investigations will be required for tank foundation design. Tank painting will probably involve logo designs approved by the MCWSC and Webb County. Electrical improvements will likely include lighting, SCADA, cathodic protection, and controls. Plans will be submitted to TCEQ for permitting. FAA permits are

not expected since the project is not close to any airstrips.

Existing Water System & TCEQ Violation

MCWSC serves approximately 500 people through 250 connections in the Mirando City, Los Ojuelos, Los Veteranos, and Aguilares regional area. The existing 90' tall by 18' diameter standpipe is filled by direct supply from three (3) offsite wells through a 6" transmission main. We understand that a recent tank inspection identified corrosion and rust problems. Total tank volume is over 170,000 gallons, but because water service connections lie near the base of the tank only the top 10' of the standpipe (19,300 gallons) technically provides at least 35 psi of "elevated" storage per TCEQ regulations. At least 50,000 gallons of elevated storage will be required to meet State criteria for systems with direct well to elevated tank supply between 0.6 to 2.0 gpm per connection.

Available Topographic Data - Site Familiarity

Porras Nance Engineering conducted drainage studies in the Mirando City area in the past. As part of our 2009 FEMA floodplain analysis for MCWSC, we collected detailed aerial and topographic surveys of the greater town limits. *Our familiarity with available resources will save the County considerable time and effort during the preliminary design and feasibility stage.* Using the aerials and existing 2' contour maps, we will evaluate alternate tank sites and footprints to determine the most suitable tank location.

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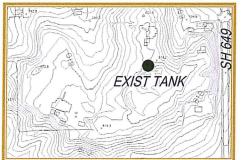


Standpipe and Elevated Storage Tank Options

Our preliminary analysis will include a cost comparison between standpipe style tanks and standard elevated tanks. If the existing standpipe remains structurally viable without significant corrosion, then a second standpipe that "floats" with the existing tank in a nearby location may be feasible. However, standpipe tanks typically require very deep concrete foundations that are often less cost effective than elevated tanks supported by columns/legs. The existing standpipe in Mirando City also has a very substantial "ineffective storage" zone between its base and 80' height that cannot be properly cycled by pump filling routines. This commonly leads to water quality issues related to tank water stagnation.

Elevated storage tanks have much more flexible site selection criteria since their height can be adjusted to a variety of surface elevations, which could save cost on land acquisition and approach main lengths. Both types of tanks are constructed of welded steel. We are available to discuss these options and related cost in detail with the County and MCWSC.

Site Selection & Interconnecting Approach Main



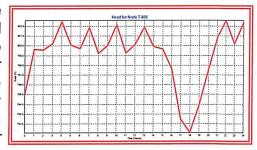
The existing standpipe has a base elevation of 820' MSL with an overflow at 910' MSL. A replacement standpipe could be installed on adjacent lands or in the hills east of Highway 649. Construction separation and crane spacing requirements are critical considerations for any site. If a new standpipe site is needed, the offsetting cost of a new approach main that interconnects to the primary 6" supply transmission main must be weighed. If elevated

storage tanks are determined more feasible, site options will improve.

Acquisition of the tank site will be pursued as part of the preliminary design process. Offsite access and utility easements can also be expected. We have the full capacity to develop all survey documents on an accelerated schedule to allow the County sufficient time to negotiate acquisition of these tracts prior to construction.

Hydraulic Analysis

We will prepare a detailed hydraulic model of the proposed tank, transmission mains, and well supply pumps, calibrated by field measurements to comprehensively simulate tank levels as part of our preliminary feasibility analysis. This should be performed for extended average and peak flow periods to better assess the tank's impact on the entire water system. *Our experience with water*

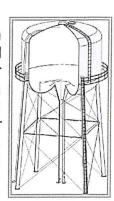




system and tank modeling will be valuable for this project. Our detailed analysis will verify whether the tank location and system interconnection points will meet MCWSC and Webb County's expectations for existing and future demands prior to final design preparation and project construction.

Welded Steel Tanks

The three United States based tank contractors that typically bid on welded steel standpipes and elevated tanks in South Texas are Caldwell Tanks, CB&I, and Tank Builders, Inc. (TBI). Although all are qualified for the project, some are known for greater attention to finish and detail in their structures. Welded steel tanks have historically been designed according to AWWA standards, D100, Welded Carbon Steel Tanks for Water Storage and D102, Coating Steel Water Storage Tanks. Construction of the concrete foundations reference ACI standards and proprietary structural designs unique to each tank contractor



Tank Painting & Shrouding

Due to the high visibility of elevated tanks a prominent display logo may be an important aspect of this project. We will provide professional renditions of the tank finish as required by the County and MCWSC for approval prior to construction and painting.

Depending on tank site selection shrouding of the tank during painting and welding may be important environmental and health concerns to protect adjacent neighborhoods from falling mist, debris, and other potential hazards associated with these operations. Construction scheduling may be specifically selected around school activities to minimize these impacts.

Survey and Right-of-Way

A field survey will be conducted by our experienced, in-house survey crew and will be tied to the State's coordinate system (4205 South Zone, Grid, NAD 83, NAVD 88) using applicable GPS survey techniques. **We have established control and benchmarks in the area from previous projects.** Above ground topographical features in tank and approach main areas will be identified in the survey, including survey monuments, utility valves, services, manholes, and utility location markings, which will be requested prior to the survey. Our survey will include collection of flowline measurements from existing sanitary and storm sewers to establish these profile depths. Water and gas main depths will be estimated by measuring valve stem depths.

Preliminary & Final Design Plans

Preliminary tank plans and elevations will be submitted with a Feasibility Study. They will include the approach water main plans and profiles with sufficient detail to identify potential conflicts, valves, blow-offs/hydrants, and related construction quantities and cost estimates. Once authorized to proceed with final design plans, we will incorporate County

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comments into the plans and provide sufficient detail, notes, and technical specifications

to provide bidders a clear understanding of the project scope, which will encourage responsible bids and minimal potential for unforeseen construction change orders.

Special Specifications

Elevated and/or standpipe tank projects inherently involve special specifications for the unique materials, construction methods, and other items associated with this project. We have substantial experience in preparing detailed technical specifications in a manner that sufficiently describes the required work while protecting the Owner from frivolous claims for extra payment. We will consult with the associated tank manufacturers and paint system specialists to ensure a technically sound document, while providing language that does not prohibit approved equivalents and encourages competitive bidding. We will prepare construction checklists as required to facilitate inspector duties.

Geotechnical Soil Study

We will obtain and coordinate the services of a geotechnical engineering firm that *specializes in tank foundation projects*. The exploratory borings at the water tank footprint will be conducted to perform laboratory test that include moisture content, Atterberg Limits, unconfined compressive strength determinations, dry unit weights, corrosivity testing (including pH, electrical resistivity, and sulfate and chloride content), and consolidation tests. A subsequent engineering report will present foundation design and construction recommendations for the proposed elevated tank structure for use by the tank contractor to design the supporting foundation.

Electrical Engineering

This project may include many specialized lighting, electrical, control, SCADA, and instrumentation disciplines, which must be addressed by a licensed electrical engineer experienced in municipal water plant design. A cathodic protection system for the steel tank shell are typically provided with steel tanks. We will review all electrical options and preferences with the County and MCWSC during the preliminary phase of the project. After construction, but prior to close-out our team will provide a detailed inspection of all equipment. All SCADA systems will be checked for full response and compatibility.

Public Involvement

We will be available at the County's discretion to make public presentations during the design and construction process to inform the public of the current project scope and direction. We will provide color schematics, renditions, or layouts of the proposed improvements as needed and provide technical feedback and support at public meetings.



Local Investment

It is important to note that only minimal portions of this project's engineering services will be subcontracted to out-of-town firms. We are fully qualified to provide nearly all engineering services required for this project. The only services that will be subcontracted are project specific, specialty engineering services, such as electrical and geotechnical. Our personnel will be available to meet with Utility Staff for site visits, meetings, or otherwise as needed with minimal notice.

Bidding & Construction

Porras Nance Engineering will prepare the bid package, bid tab, construction staking; make periodic inspection during construction; prepare reports; evaluate lab results, shop drawings, and field alteration requests, contractor estimates for payment; prepare the recapitulation of over/under runs; and prepared the as built drawings at completion of the construction.

As a local firm, we will be available to actively oversee construction. Our engineering plans and specifications will be thorough and clear, which will promote honest and competitive bids from qualified contractors. No detail will be overlooked and we will not approve construction errors or omissions of any kind. In summary, Porras Nance Engineering Team has the technical and professional expertise that this project will demand.

LOCAL REFERENCES

OWNER/CLIENT CONTACT INFORMATION			
Webb County Planning Department	City of Laredo, Water Utilities Department		
1110 Washington St., Sutie 302	5816 Daugherty		
Laredo, Texas 78040	Laredo, Texas 78041		
Contact: Rhonda Tiffin, CFM, Director	Contact: Riazul Mia, PE, Director		
(956) 523-4100	(956) 721-2000		
Webb County Engineering Department	City of Laredo, Environmental Department		
1620 Santa Ursula, 2nd Floor	619 Reynolds		
Laredo, Texas 78040	Laredo, Texas 78040		
Contact: Luis Perez Garcia, PE, County Eng	Contact: John Porter, Interim Director		
(956) 523-4055	(956) 794-1650		
City of Laredo, Engineering Department	Texas Department of Transportation		
1110 Houston St.	1817 Bob Bullock Loop		
Laredo, Texas 78040	Laredo, Texas 78043		
Contact: Rogelio Rivera, P.E., City Engineer	Contact: Arnold Ramirez, PE		
(956) 791-7346	(956) 712-7400		

An additional, project specific reference list follows in the next section.

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PREVIOUS PROJECTS WITH SIMILAR SCOPE & REFERENCE LIST

PROJECT	OWNER/CLIENT	BUDGET	FINAL COST	OVERRUN
	PORRAS NANCE ENGIN	EERING		
500,000 Gallon	Green Valley Special Utility District	\$750,000	\$750,000	0%
Composite Elevated	529 South Center Street			
Tank	Marion, Texas 78124			
	Contact: Pat Allen, General Manager			
	(830) 914-2330			
250,000 Gallon	City of Carrizo Springs	\$550,000	\$550,000	0%
Multi-Column Elevated Tank	308 Pena Street Carrizo Springs, Texas 78834			
Talik	Contact: Mario Martinez, City Manager			
	(830) 876-2476		1	
Water System Improvmt	City of Poteet	\$350,000	\$350,000	0%
Elevated & Ground	P.O. Box 378	4000,000	0000,000	0,0
Storage Tank Repairs	Poteet, Texas 78065			
Ciciago ramirropamo	Contact: Larry Pippen, City Administrator			
	(830) 780-3422			
	RABA KISTNER			
3 MG Elevated	Landmark Structures I LP		N/A	Geotech
Storage Tank	1665 Harmon Road			Study
Laredo, TX	Fort Worth, Texas 76177			
	Contact: Mr. Patrick Piehl			
	(817) 439-8888			
2 MG Elevated Water	Landmark Structures I LP		N/A	Geotech
Storage Tank	1665 Harmon Road			Study
Brownsville, TX	Fort Worth, Texas 76177			
	Contact: Mr. Eugene Chastain (817) 439-8888			
2 MG Elevated	N R S Consulting Engineers	1	N/A	Geotech
Storage Tank	P.O. Box 2544		14//	Study
Harlingen, TX	Harlingen, Texas 78550			Oluuy
· · · · · · · · · · · · · · · · · · ·	Contact: Mr. Mike L. Myers, P.E.			
	(956) 423-7409			
1 MG Elevated Water	McAllen Public Utility		N/A	Geotech
Tank - McAllen	P.O. Box 280			Study
McAllen, TX	McAllen, Texas 78505-0280			
	Contact: Mr. Mark A. Vega, P.E.			
	(956) 688-3540			
	CLEARY ENGINEERI		040.000.000	00/
Stevens Ranch Well	Bexar Metropolitain Water District	\$10,000,000	\$10,000,000	0%
Site & Pumping	2047 W. Malone			
Facility 178	San Antonio, Texas 78225			
	Contact: Mike Persyn, P.E. (210) 357-5710			
Lake Travis High School	Travis County WC&ID	\$4,000,000	\$4,000,000	0%
Pumping Facility	3812 Eck Lane	\$4,000,000	ΨΨ,000,000	5 /0
ping i dollity	Austin, Texas 78734			
	Contact: Mr. Thurman Carlisle, Director			
	(512) 266-1111]		
Park Shores, Triple Peak	Canyon Lake Water Service Company	\$7,500,000	\$7,500,000	0%
Water Treatment Plants	P.O. Box 1742			
& Blanco and Hwy 281	Canyon Lake, Texas 78133			1
Booster Station	Contact: Larry Bittle, Director			l
	(830) 964-3854			

March 2017 15 Porras Nance Engineering



С	ERTI	FICATE OF LIA	BILITY INS	URANG	CE	06/27/2	016
THIS CERTIFICATE IS ISSUED AS A	MATTE	R OF INFORMATION ONL	Y AND CONFERS	NO RIGHTS	AND DESCRIPTION OF THE PARTY OF	-	The Real Property lies and the least lies and the lies and the lies and the least lies and the least lies and the lies
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES							
BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.							
IMPORTANT: If the certificate holder				o andorsad	If SUPPOGATION IS W	AIVED	subject to
the terms and conditions of the policy							
certificate holder in lieu of such endo							-
PRODUCER			CONTACT NAME:				
The Risk Specialty Group			(A/C, No, Ext):		FAX (A/C, No):		
4801 Woodway Drive			E-MAIL ADDRESS:				
Suite 300 East Ph: 713.552	.1900		IN	SURER(S) AFFO	RDING COVERAGE		NAJC #
Houston TX 77056 Fx: 713.513	.5411				y Co of Connecticut		
INSURED			INSURER B : AXIS IT	isurance Co	mpany		
Porras Nance Engineering	J		INSURER C:				
304 E. Calton			INSURER D:				
PO Box 1670			INSURER E :				
Laredo TX 78044			INSURER F:		DEMOCRATIVEDED.		
COVERAGES CERTIFY THAT THE POLICIES		E NUMBER:	VE BEEN ISSUED TO	THE INCLIDE	REVISION NUMBER:	HE DOL	ICY PERIOD
INDICATED, NOTWITHSTANDING ANY R	EQUIREN	MENT, TERM OR CONDITION	OF ANY CONTRACT	T OR OTHER	DOCUMENT WITH RESPE	CTTOV	WHICH THIS
CERTIFICATE MAY BE ISSUED OR MAY EXCLUSIONS AND CONDITIONS OF SUC	PERTAIN	, THE INSURANCE AFFORD	DED BY THE POLICIE	S DESCRIBE	D HEREIN IS SUBJECT TO	O ALL T	HE TERMS,
INEDI	ADDL SUE		POLICY EFF	POLICY EXP	LIMIT		
TYPE OF INSURANCE X COMMERCIAL GENERAL LIABILITY	INSD WV	POLICY NUMBER	(MM/DDYYYY)	(MM/DD/YYYY)		s 1,000	000
A CLAIMS-MADE X OCCUR	1 1				DAMAGE TO RENTED PREMISES (Fa occurrence)	s 300.0	
CDAMS-WADE A CCCOR	1 1	660 5E79749A	06/30/2016	06/30/2017	MED EXP (Any one person)	s 10.00	
		000 SE19149A	00/30/2010	00/30/2011	PERSONAL & ADV INJURY	s 1.000	
GEN'L AGGREGATE LIMIT APPLIES PER:					GENERAL AGGREGATE	\$2,000	
POLICY X JECT LOC					PRODUCTS - COMP/OP AGG	\$2,000	
OTHER:					111000010	5	
AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Fa accident)	5	
ANY AUTO					BODILY INJURY (Per person)	5	
ALL OWNED SCHEDULED AUTOS		1			BODILY INJURY (Per accident)	S	
AUTOS AUTOS NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident)	S	
						S	
UMBRELLA LIAB OCCUR					EACH OCCURRENCE	5	
EXCESS LIAB CLAIMS-MADE		1			AGGREGATE	\$	
DED RETENTIONS						5	
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY YIN					PER STATUTE ER		
ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A				E.L. EACH ACCIDENT	5	
(Mandatory in NH)					E.L. DISEASE - EA EMPLOYEE	\$	
If yes, describe under DESCRIPTION OF OPERATIONS below	\vdash				E.L. DISEASE - POLICY LIMIT	\$	
B Professional Liability		AEA001174-01-2016	06/30/2016	06/30/2017	per Claim Limit		00,000
"claims made"					Aggregate Limit	\$1,00	00,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (ACO	RD 101, Additional Remarks Scheo	dule, may be attached if m	iore space is req	uired)		
CERTIFICATE HOLDER			CANCELLATION				
CENTIFICATE HOLDEN CANCELEATION							
Insureds Copy SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE							
Insureds Copy THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.							
ACCOMMODE WITH THE FOLICITY PROVISIONS.							
AUTHORIZED REPRESENTATIVE A SDD>							
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© 1988-2014 ACORD CORPORATION. All rights reserved.							
ACORD 25 (2014/01) The ACORD name and logo are registered marks of ACORD							

March 2017 Porras Nance Engineering 16

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

RFQ # 2017-001
"Mirando City Water Storage Standpipe Tank Design Project"
Public Notice Proposer Information
DA minimum of five (5) references with which the Proposer has performed substantially similar services described in this document. BUID IN RFG RESPONSE
General Terms & Conditions
Conflict of Interest form (Form CIQ)
区Certification regarding Debarment (Form H2048)
☑Certification regarding Federal lobbying (Form 2049)
☑Proof of No Delinquent Tax Owed to Webb County
Signature of Authorized Representative Date
2 Page



Request for Qualifications (RFQ)

RFQ # 2017-001

"Mirando City Water Storage Standpipe Tank Design Project"

Due: 3/27/2017 at 2pm or before

Notice is hereby given that Webb County is currently accepting Sealed RFQ from qualified Engineering firms to enter into an engineering service contract for the design and preparation of bid and contract documents for a Water Storage Standpipe Tank for Mirando City, Webb County. All RFQ are subject to the terms and conditions of this formal solicitation and in accordance with the Texas Government Code; Chapter 2254 (Professional and Consulting Services).

The accompanying RFQ with its terms, conditions, attachments and all other forms in this RFQ package are due by or before 2 p.m. (Central Time) on Monday, March 27, 2017. *RFQ received after the due date and time will not be accepted*. All RFQ meeting the required deadline will be read publicly at the following location in accordance with Webb County Purchasing Policies and Procedures:

Please Mail or Hand Deliver RFQ Proposals to:

Webb County Clerk's Office 1110 Victoria Street, 2nd Floor, Suite 201 Laredo, Texas 78040

Copies of the RFQ package are available on our website: http://www.webbcountytx.gov/PurchasingAgent/PublicNoticeRFQ/

Please submit (1) original RFQ package and (8) copies in a sealed envelope clearly marked on the outer front lower left corner as follows:

RFQ 2017-001 "Mirando City Water Storage Standpipe Tank Design Project".

Webb County reserves the right to reject any and all RFQ proposals, to waive informalities in the RFQ process, or to terminate the RFQ process at any time, if deemed in the best interest for Webb County.



Proposer Information

Name of C	ompany: Porras Nance Engineering				
Address:	304 E. Calton				
City and St	Laredo, Texas 78045				
Phone:	956-724-3097				
Email Addr	ess: wayne@porrasnance.com				
	Authorized to Sign: Signature Wayne Nance Print Name President Title "Partnership", "Corporation", "Land Owner", etc.				
	Sole Propietorship				
March 27, 2017					
	(Date)				
Note: All submissions rela	ive to these RFQ shall become the property of Webb County and are nonreturnable.				
If any further inform Gutierrez, at (956) 5	ation is required please call the Webb County Contract Administrator, Leticia 23-4127.				

FORM CIQ CONFLICT OF INTEREST QUESTIONNAIRE For vendor doing business with local governmental entity OFFICE USE ONLY 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 Date Received 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. 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.) N/A Name of local government officer about whom the information is being disclosed. NONE Name of Officer 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? No N/A Yes 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? N/A No Yes 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. N/A 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). N/A 7 March 27, 2017 Signature of vendor doing business with the governmental entity Date Form provided by Texas Ethics Commission www.ethics.state.tx.us Revised 11/30/2015

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 whom 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 yo	ou ant	icipate hav	ing subcontractors	under this proposed	1 contract?
☑ Yes	GEOTECH	(2	ELEC.	ENGINEER		

□ 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 form 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.
Porras Nance Engineering	74-3081249	
Signature of Authorized Re		March 27, 2017 Date
Wayne Nance, President	1771.1	
Printed/Typed Name a Authorized Representa	and Title of	*

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

PART A. PREAMBLE

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

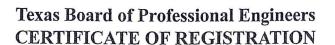
PART B. CERTIFICATION

This certification applies only to the instant federal action for which the certification is being obtained and is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$100,000 for each such failure.

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

- 1. No federally appropriated funds have peen paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- 2. If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with these federally funded contract, subcontract, subgrant, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions. (If needed, contact the Texas Department of Agriculture to obtain a copy of Standard Form-LLL.)

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 GEOTECH & ELEC. EHAINETE, IF REALD					
□ No					
Name of Contractor/Potential Contractor	Vendor ID No. or Social Security No.		Program No.		
Porras Nance Engineering	74-3081249				
Name of Authorized Representative	Title				
Wayne Nance	Pres	sident			
		March 27, 20	17		
Signature - Authorized Represent	ative	D	ate		



This acknowledges that

Porras Nance Engineering

has fulfilled the requirements of the Texas Board of Professional Engineers to offer and perform engineering services in the state of Texas.

Registration Number F-6205

Expiration Date 3/31/2017





PROOF OF NO DELINQUENT TAXES OWED TO WEBB COUNTY

(80116010129)		
Name Porras Nance Engine County.	eering owes no delinquen	at property taxes to Webb
Porras Nance Engineering (Business Name)	owes no property taxe	es as a business in Webb County.
Thelma Porras Nance (Business Owner)	owes no property taxe	es as a resident of Webb County.
Person who can attest to the above * SIGNED NOTORIZED DOC WEBB COUNTY.		NO DELINQUENT TAXES TO
me (or proved to me on the oath of is subscribed to the forgoing instruction purpose and consideration therein	ofument and acknowledged to reconstruction expressed.	helma Paras Name know to to be the person whose name ne that he executed the same for the
Given under my hand and seal of	office this $\underline{23}$ day of $\underline{\mathbb{M}}$	<u>h</u> 2014.
Notary Public, State of Texas		
ADRIANA ARACELY VAZQUEZ Notary Public STATE OF TEXAS ID#13080749-3 My Comm. Exp. Sept. 2, 2020		Adriana Vazquez
My commission expires the	day of 500+ 202.	(Print name of Notary Public here)