



Control Number: 50197



Item Number: 50

Addendum StartPage: 0

DOCKET NO. 50197

2021 JUN -8 PM 2:44

APPLICATION OF TIMBERCREST
PARTNERS LLC FOR RATE
CHANGE

§
§
§
§

BEFORE THE
PUBLIC UTILITY COMMISSION
OF TEXAS

**TIMBERCREST PARTNERS LLC RESPONSE TO
COMMISSION'S STAFF'S FOURTH REQUEST FOR INFORMATION**

Timbercrest Partner's LLC (Timbercrest) files this Response to Commission Staff's Fourth Requests for Information ("RFIs"). Timbercrest stipulates that these RFIs may be treated as if filed under oath.

Respectfully submitted,

GDS Associates, Inc.

By: /s/ Chuck Loy

Charles E. Loy
919 Congress Ave., Suite 1110
Austin, TX 78701
Telephone: (512) 494-0369
Facsimile: (866) 611-3791
chuck.loy@gdsassociates.com

**CONSULTANTS FOR TIMBERCREST
PARTNERS LLC**

CERTIFICATE OF SERVICE

I hereby certify that copy of this document will be served on all parties of record on June 7, 2021 in accordance with the Commission's Order in Docket No. 50197.

/s/Camie D. Flowers

Staff 4-1

Please provide the letters issued by the Texas Commission on Environmental Quality for the approval to use Well No. 2 and Well No. 3.

Response:

See Exhibit 4.1 for TCEQ approval of the exception request. The Company's engineers are currently working on the plan submittal for Well #2 and Well #3. Which will be submitted sometime during the week of June 7, 2021.

Prepared By: Chuck Loy
Sponsored By: D. Ray Young P.E.

Staff 4-2

Referencing Timbercrest's response to Staff's RFI 2-8 for the current values in the RCN, please describe the bases for the licensed engineer's professional judgment and provide all documents, including but not limited to bids, vendor quotes, documents related to the cost of other similar public water systems' facilities, etc., reviewed by the engineer.

Response:

The basis for the licensed engineer's professional judgement are the GWP and WWTP capacity calculations, actual bids, budgets, and estimates of similar plant constructed in the same region as the Timbercrest utility. Please refer to Exhibits Staff 4.2a through Staff 4.2l for the capacity calculations and other documents used to establish the RCN values for the study.

Prepared By: Chuck Loy
Sponsored By: D. Ray Young P.E.

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



PWS_1011973_CO_20210507_Exception

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MAY 17 2021

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 7, 2021

Ms. Madison Buckner, E.I.T.
Water Engineers, Inc.
17230 Huffmeister Road, Suite A
Cypress, Texas 77429-1643

Re: Timbercrest Village - PWS ID No. 1011973
Request for an Exception to the Sanitary Control Easement Requirement
Well No. 2 (TCEQ Well ID: G1011973B)
Well No. 3 (TCEQ Well ID: G1011973C)
Harris County, Texas
RN 102693728 | CN 603164195

Dear Ms. Buckner:

On February 3, 2021, the Texas Commission on Environmental Quality (TCEQ) received your letter requesting an exception to the requirement that all public water supply wells have properly recorded sanitary control easements as specified in Title 30 of the Texas Administrative Code (30 TAC) §290.41(c)(1)(F). This request is for the Timbercrest Village public water system (PWS) Well No. 2 (TCEQ Well ID G1011973B) and Well No. 3 (TCEQ Well ID G1011973C). Additional information to support the exception request was provided in an email dated March 29, 2021. The submittal indicated that the wells are currently in use as unapproved PWS supply wells.

According to the submittal, the PWS attempted to secure a sanitary control easement (SCE) for each parcel not owned by the PWS within 150 feet (ft) of Well No. 2 and Well No. 3 but received no responses from the property owners. The TCEQ has determined that the inability to secure sanitary control easements indicates that these groundwater sources may be susceptible to fecal contamination and may result in a risk to public health. In order to allow monitoring of the wells to determine if the wells have been impacted by a lack of sanitary control, we are **granting your request** for an exception to the sanitary control easement requirement, until May 7, 2024, under the conditions listed below. This exception applies to the Augusta Pines Drive right-of-way, and all of the land owned by BLZ Augusta Woods Senior Living LP (Legal Description: RES A BLK 1 Augusta Woods Senior Living) and Haven at Augusta Woods (Legal Description: RES A BLK 1 Haven at Augusta Woods Village APTS) within a 150-foot radius of Well No. 2 and Well No. 3. In accordance with 30 TAC §290.46(b) and §290.109(d)(4)(E), the PWS is required to fulfill the conditions of approval outlined below.

Condition 1:

- The PWS must collect one raw water sample per month from Well No. 2 (G1011973B) and Well No. 3 (G1011973C). The PWS must submit the sample for bacteriological analysis at a TCEQ-accredited laboratory with a current National Environmental Laboratory Accreditation Program (NELAP) certification.

Ms. Madison Buckner, E.I.T.
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May 7, 2021

Please note that this monitoring requirement does not imply approval to use Well No. 2 or Well No. 3 as PWS sources. The PWS must receive approval to use the wells from the TCEQ Plan Review Team. If for any reason the wells are put in use prior to approval from the TCEQ, you may be subject to enforcement action.

Note that the PWS is responsible for the timely installation of a suitable raw water sampling tap at the wellhead, if one does not currently exist, for the collection of raw water samples as required by this exception. The sampling procedure should be the same as the one used when collecting routine distribution samples. Please ensure that the samples are delivered to the laboratory clearly labeled with the appropriate TCEQ Well ID and marked "RAW."

For a list of TCEQ-accredited laboratories see our website at:

www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/txnelap_lab_list.pdf

These samples are in addition to the normally required monthly distribution bacteriological samples and must be collected at a point prior to the disinfectant injection point. The sample results should be submitted in the same manner as the results of the monthly distribution bacteriological samples.

Once twelve (12) consecutive monthly bacteriological sample results have been received and reviewed, the TCEQ will evaluate the results and reissue, if appropriate, an exception without an expiration date. Based on the results of the raw water bacteriological samples the TCEQ may modify the current monitoring requirement, require a more stringent disinfection protocol, or require treatment.

Unless otherwise directed by the TCEQ, the PWS must continue to collect and analyze the monthly raw water samples as required in this letter for as long as Well No. 2 and Well No. 3 are used as public water supply wells. Please note that at a minimum, a monthly monitoring requirement will remain in effect should an exception without an expiration date be granted following the review of the bacteriological sample results.

If any of the samples yields a positive result, please follow the instructions specified in Enclosure 1: *Instructions for Positive Bacteriological Samples*.

Please update your system's monitoring plan to reflect the monitoring requirements outlined in this letter and mail to the TCEQ Monitoring Plan Coordinator at the following address:

Monitoring Plan Coordinator (MC 155)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711

Additional information is available in TCEQ's Regulatory Guidance No. 384 (RG-384), *How to Develop a Monitoring Plan for a Public Water System*, or on our website at:

https://www.tceq.texas.gov/drinkingwater/monitoring_plans

All PWS monitoring plans are required to be kept up-to-date and on file at the system at all times and must be presented to TCEQ staff upon request.

Condition 2:

- This exception will expire 36 months from the date of this letter (May 7, 2024).

Ms. Madison Buckner, E.I.T.
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May 7, 2021

In support of your exception requests, you provided the following information:

- A general location map;
- A detailed site map;
- Official copy of the recorded Special Warranty Deed for all property owned by the PWS within 150-ft of Well No. 2 and 3;
- A statement that the adjacent property owners identified above did not respond to the SCE requests and copies of the certified mail receipts for the correspondence;
- State of Texas Plugging Report (Tracking No. 180955) for Well No. 1;
- The provided State of Texas Well Report for Well No. 2;
- State of Texas Well Report (Tracking No. 485958) for Well No. 3;
- Comprehensive Compliance Investigation Report (Investigation No. 1677496) for Timbercrest Village; and
- A statement that sanitary hazards prohibited by the required sanitary easement are not located within a 150-foot radius of Well No. 2 and 3.

A copy of this letter and all related monitoring data must be maintained with the water system's records for as long as this exception is in effect. These records must be made available to TCEQ staff upon request. If contamination of a well occurs which is not remediated through treatment, a new properly constructed well may be required at another location and abandonment, proper plugging, and sealing of the abandoned well will be required.

All exceptions are subject to review. If new information indicates that this exception compromises the public health or degrades service or water quality, the exception may be revoked as specified in 30 TAC §290.39(l)(2). Noncompliance with any condition stated in this exception letter may result in enforcement action as specified in 30 TAC §290.39(l)(5). This exception is not intended to waive compliance with any other TCEQ requirement in 30 TAC Chapter 290. This exception cannot be used as a defense in any enforcement action resulting from noncompliance with any other requirement of 30 TAC Chapter 290.

Ms. Madison Buckner, E.I.T.
Page 4 of 4
May 7, 2021

If you have questions concerning this letter, or if we can be of additional assistance, please contact Trenton Chalk by email at Trenton.Chalk@tceq.texas.gov, by telephone at (512) 239-5207, or by correspondence at the following address:

Technical Review and Oversight Team (MC 159)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Sincerely,



Stephanie Escobar, Team Leader
Technical Review and Oversight Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality
SJE/tmc/db

Enclosure 1: *Instructions for Positive Bacteriological Samples*

cc: Mr. Mark J. Coleman, Director, Timbercrest Partners LLC, 22831 Pinewood Pl, Tomball, TX 77375-7172
Mr. Darren Shaw, Operator, 8765 Spring Cypress Rd, Suite L #176; Spring, TX 77379-3195

Enclosure 1 - Instructions for Positive Bacteriological Samples

If multiple raw water samples are found to be **positive** for total coliform and **negative** for *E. coli* and other fecal indicators, additional treatment may be required, and the conditions established in the exception letter may be revised. TCEQ personnel recommend reviewing the sample collection protocol to ensure proper sample collection methods are in place. Personnel also recommend well disinfection according to American Water Works Association (AWWA) well disinfection standards.

If a raw water sample is found to be **positive** for total coliform and **positive** for *E. coli* or other fecal indicators, Ground Water Rule requirements include:

- A. Issuance of a Public Notice to water system customers in accordance with 30 TAC §290.122(a) within 24 hours of being notified of the positive result.
- B. Notification to all consecutive systems served by the well within 24 hours of being notified of the positive result.
- C. Notification to TCEQ Drinking Water Technical Review Team personnel at 512-239-4691 or GWRdata@tceq.texas.gov within 24 hours of being notified of the positive result.
- D. Implementation of one or more of the Corrective Actions described in 30 TAC §290.116 as indicated by TCEQ Drinking Water Technical Review Team personnel.

Additionally, the exception may be revoked, or the conditions established in the exception letter may be revised.

Information on the Ground Water Rule can be found by calling 512-239-4691 and asking to speak to a member of the Drinking Water Technical Review Team or at the following website:

http://www.tceq.texas.gov/drinkingwater/microbial/gwr_main.html

TABLE 1
COLONY RIDGE DEVELOPMENT - SANTA FE SECTIONS X Y & Z
DEVELOPMENT LOCATED IN EXISTING SOUTH CLEVELAND WATER SUPPLY CORPORATION WATER CCN AREA
WATER SYSTEM CAPACITY RATING & EXPANSION PLAN

	Location	2021 Facility Rating			2022 Facility Rating			2023 Facility Rating			2024 Facility Rating			2025 Facility Rating			2026 Facility Rating			2027 Facility Rating			2028 Facility Rating		
		TCEQ Std-Units	ESFC/Unit	ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC	TCEQ Std-Units	ESFC/Unit	Total ESFC
Well Supply																									
Well # 1 gpm	WP # 1	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208
Well # 2 gpm	WP # 1	0	0.6	0	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208
Well # 3 gpm	WP # 2	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	725	0.6	1,208	725	0.6	1,208	725	0.6	1,208
Well # 4 gpm	WP # 2	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	725	0.6	1,208	725	0.6	1,208
Well # 5 gpm	WP # 3	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0
Well # 6 gpm	WP # 3	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0	0	0.6	0
Total System Well Capacity gpm		725		1,208	1,450		2,417	1,450		2,417	1,450		2,417	2,175		3,625	2,175		3,625	2,900		4,833	2,900		4,833
Ground Storage																									
GST #1 Volume gal	WP # 1	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226
GST # 2 Volume gal	WP # 1	0	200	0	0	200	0	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226
GST # 3 Volume gal	WP # 2	0	200	0	0	200	0	0	200	0	0	200	0	0	200	0	245,217	200	1,226	245,217	200	1,226	245,217	200	1,226
GST # 4 Volume gal	WP # 3	0	200	0	0	200	0	0	200	0	0	200	0	0	200	0	0	200	0	0	200	0	0	200	0
Total System GST Volume gal		245,217		1,226	245,217		1,226	490,434		2,452	490,434		2,452	735,651		3,678	735,651		3,678	735,651		3,678	735,651		3,678
Elevated Storage Tank																									
ET # 1	WP # 1	0	100	0	0	100	0	0	100	0	0	100	0	500,000	100	5,000	500,000	100	5,000	500,000	100	5,000	500,000	100	5,000
ET # 2	WP # 3	0	100	0	0	100	0	0	100	0	0	100	0	0	100	0	0	100	0	0	100	0	0	100	0
Total System EST Volume gal		0		0	0		0	0		0	0		0	500,000		5,000	500,000		5,000	500,000		5,000	500,000		5,000
Total System Water Storage, gal		245,217		200	245,217		200	490,434		200	490,434		200	1,235,651		200	1,235,651		200	1,235,651		200	1,235,651		200
Booster Pumping Capacity																									
BP # 1 gpm	WP # 1	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 2 gpm	WP # 1	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 3 gpm	WP # 1	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 4 gpm	WP # 1	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 1 gpm	WP # 2	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 2 gpm	WP # 2	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 3 gpm	WP # 2	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	1000	1.5	667	1000	1.5	667	1000	1.5	667	1000	1.5	667
BP # 4 gpm	WP # 2	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0
BP # 1 gpm	WP # 3	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0
BP # 2 gpm	WP # 3	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0
BP # 3 gpm	WP # 3	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0
BP # 4 gpm	WP # 3	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0	0	1.5	0
Total System Booster Pumping Capacity gpm		4,000		2,667	4,000		2,667	4,000		2,667	4,000		2,667	7,000		4,667	7,000		4,667	7,000		4,667	7,000		4,667
Hydropneumatic Tank																									
HPT # 1 Volume gal	WP # 1	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791
HPT # 2 Volume gal	WP # 1	0	20	0	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791
HPT # 1 Volume gal	WP # 2	0	20	0	0	20	0	0	20	0	0	20	0	15,826	20	791	15,826	20	791	15,826	20	791	15,826	20	791
HPT # 1 Volume gal	WP # 3	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	15,826	20	791	15,826	20	791	15,826	20	791
Total System Hydropneumatic Tank Volume gal		15,826		791	31,652		2,500	31,652		2,500	31,652		2,500	47,478		3,291	63,304		5,000	63,304		5,000	47,478		5,000
Water System Capacity Rating																									
				791			1,226			2,417			2,417			3,291			3,625			4,833			4,833
Required Residential Capacity, ESFC																									
				532			1,064			1,596			2,128			2,660			3,192			3,724			4,256
Additional Commerical Capacity, ESFC																									
				48			96			144			240			240			288			336			384
Total Required Water System Capacity, ESFC																									
				580			1,160			1,740			2,368			2,900			3,480			4,060			4,640
Rated Water System Connection Capacity, ESFC																									
				791			1,226			2,417			2,417			3,291			3,625			4,833			4,833
Excess System Connection Capacity Available, ESFC																									
				211			66			677			49			391			145			773			193

(*) TCEQ Rules specify that 30,000 gallons of hydropneumatic tank volume is adequate to serve up to 2,500 connections
 (**) TCEQ Rules Don't Require elevated Storage Until >2500 Connections Served

WATERWATER TREATMENT SYSTEM CAPACITY RATING & EXPANSION PLAN

WWTP Capacity Required @ 200 gpd/ESFC, gpd	116,000	232,000	348,000	473,600	580,000	696,000	812,000	928,000
Rated WWTP Capacity, gpd	325,000	325,000	650,000	650,000	650,000	975,000	975,000	975,000
Excess System Capacity, gpd	209,000	93,000	302,000	176,400	70,000	279,000	163,000	47,000

**SANTA FE SECTION X, Y & Z DEVELOPMENT
WATER SYSTEM BUDGETARY COSTS**

Year	Action	Budgetary Construction Cost	Engineering Cost @ 10%	Total Capital Cost	Cumm Capital Cost	No of ESFC	Cap Cost/ ESFC
2021	Construct Water Plant No 1	\$1,500,000	\$150,000	\$1,650,000	\$1,650,000	580	\$2,845
2022	Add Well # 2 & HPT # 2 to Water Plant # 1	\$400,000	\$40,000	\$440,000	\$2,090,000	1,160	\$1,802
2023	Add GST # 2 to Water Plant # 1	\$250,000	\$25,000	\$275,000	\$2,365,000	1,740	\$1,359
2024					\$2,365,000	2,368	\$999
2025	Construct Water Plant # 2 & Elevated Storage Tank	\$2,975,000	\$297,500	\$3,272,500	\$5,637,500	2,900	\$1,944
2026	Construct HPT # 4	\$75,000	\$7,500	\$82,500	\$5,720,000	3,480	\$1,644
2027	Construct Well #4	\$300,000	\$30,000	\$330,000	\$6,050,000	4,060	\$1,490
2028					\$6,050,000	4,640	\$1,304
		\$5,500,000	\$550,000	\$6,050,000			

**SANTA FE SECTION X, Y & Z DEVELOPMENT
WASTEWATER SYSTEM BUDGETARY COSTS**

Year	Action	Budgetary Construction Cost	Engineering Cost @ 10%	Total Capital Cost	Cumm Capital Cost	No of ESFC	Cap Cost/ ESFC
2021	Construct 0.325 mgd WWTP # 1, Phase 1	\$2,600,000	\$260,000	\$2,860,000	\$2,860,000	580	\$4,931
2022					\$2,860,000	1,160	\$2,466
2023	Construct 0.325 mgd Expansion to WWTP # 1	\$1,950,000	\$195,000	\$2,145,000	\$5,005,000	1,740	\$2,876
2024					\$5,005,000	2,368	\$2,114
2025	Construct 0.325 mgd WWTP # 2, Phase 1	\$2,600,000	\$260,000	\$2,860,000	\$7,865,000	2,900	\$2,712
2026	Construct 0.325 mgd Expansion to WWTP # 1, Phase 3	\$1,950,000	\$195,000	\$2,145,000	\$10,010,000	3,480	\$2,876
2027					\$10,010,000	4,060	\$2,466
2028					\$10,010,000	4,640	\$2,157
		\$9,100,000	\$910,000	\$10,010,000			

**ESTIMATED CONSTRUCTION COSTS
BRAZORIA COUNTY MUD NO. 53 LIFT STATION NO. 2**

Item No.	Description	Quan.	Unit	Unit Price	Total
1	GENERAL				
2	Payment/Performance Bonds	1	LS	\$46,781	\$46,781
3	Equipment Move-In, Move-Out	1	LS	\$5,000	\$5,000
4	Portable Toilet Facilities	4	MO	\$150	\$600
5	SITE WORK				
6	Site Stripping & Disposal	1	LS	\$2,000	\$2,000
7	Silt Fencing	200	LF	\$6	\$1,200
8	Concrete Drive	100	SY	\$750	\$75,000
9	Site Fencing - 8' CMU Block Wall + Metal Fence	200	LF	\$250	\$50,000
10	Grading & Drainage	1	LS	\$2,500	\$2,500
11	Site Clean-up & Hydromulching	1	LS	\$2,500	\$2,500
12	YARD PIPING				
13	10-inch sanitary sewer extensions	60	LF	\$80	\$4,800
14	6-inch force main	350	LF	\$100	\$35,000
15	1-inch potable water	60	LF	\$10	\$600
16	Water Line Tap, Meter & Box	1	LS	\$400	\$400
17	Water Backflow Preventer, Box, Heat Tap	1	LS	\$1,500	\$1,500
18	LIFT STATION WETWELL & EQUIPMENT				
19	Excavation	60	CY	\$200	\$12,000
20	Backfill, Cement Stab.	30	CY	\$147	\$4,410
21	96" RCP Wetwell	32	LF	\$5,000	\$160,000
22	Concrete Bottom	7	CY	\$500	\$3,500
23	Slide Rails, 2" SS	120	LF	\$50	\$6,000
24	4-inch SS Piping & Fittings	60	LF	\$150	\$9,000
25	SS Vent	1	EA	\$250	\$250
26	Aluminum Pedestal	2	EA	\$500	\$1,000
27	6" Check Valves	2	EA	\$750	\$1,500
28	6" Gate Valves	2	EA	\$750	\$1,500
29	2" Air/Vacuum Relief Valve & Piping	1	EA	\$1,000	\$1,000
29	Concrete For Pedestal & Valves	4	CY	\$1,500	\$6,000
30	Lift Pumps & Control Panel	1	LS	\$60,000	\$60,000
31	Hatch Cover	1	LS	\$2,500	\$2,500
32	Coatings	1	LS	\$20,000	\$20,000
33	ELECTRICAL WORK				
34	Buried Conduit	200	LF	\$10	\$2,000
35	Wiring to Electrical Service	50	LF	\$40	\$2,000
36	Meter Rack	1	LS	\$40,000	\$40,000
37	CT & Disconnect	1	LS	\$3,000	\$3,000
38	10 kVA Transformer & Lighting Panel	1	LS	\$3,000	\$3,000
39	Electrical & Wiring To Motors, Fixtures	1	LS	\$10,000	\$10,000
40	Lighting & Standard	1	LS	\$5,000	\$5,000
41	40 kW Natural Gas Generator & 100 AMP ATS	1	LS	\$50,000	\$50,000
42	Subtotal Construction Cost of Lift Station				\$631,541

WATERENGINEERS, INC.
TBPE FIRM No. 2066



Exhibit Staff - 4.2b

**Montgomery County MUD 138 WWTP Lift Station
Bid Results**

Monday, April 19, 2021 10:00 AM

Bid Summary	
Total Bids	8
Average Bid	\$999,423.13

	Bidder	Base Bid
1	SiteCon Services, Inc.	\$782,000.00
2	5 J Services, LLC	\$819,000.00
3	Gael, Inc.	\$901,453.00
4	T&C Construction	\$934,000.00
5	Lindsey Construction	\$937,517.00
6	Principal Plant Services	\$1,185,485.00
7	Peltier Brothers	\$1,192,000.00
8	Holloman Corporation	\$1,243,930.00

CONSTRUCTION COST ESTIMATE					
MONTGOMERY COUNTY MUD 138 WWTP LIFT STATION					
Item No.	Description	Quan.	Unit	Unit Price	Total
1	GENERAL				
2	Payment/Performance Bonds (3%)	1	LS	\$18,500	\$18,500
3	Mobilization & Demobilization	1	LS	\$10,000	\$10,000
4	Portable Toilet Facilities	6	MO	\$150	\$900
5	SITE WORK				
6	Site Clearing & Disposal	1	LS	\$2,500	\$2,500
7	Silt Fencing	200	LF	\$10	\$2,000
8	Crushed Concrete Temporary Access Road	385	SY	\$100	\$38,500
9	Reinforced Concrete Slab	21	CY	\$1,000	\$21,000
10	Chain Link Fencing & Gates	130	LF	\$35	\$4,550
11	Grading & Drainage	1	LS	\$2,500	\$2,500
12	Site Clean-up & Hydromulching	1	LS	\$2,500	\$2,500
13	LIFT STATION WETWELL & EQUIPMENT				
14	Excavation	150	CY	\$200	\$30,000
15	Backfill, w/ 8" Cement Slab	20	CY	\$300	\$6,000
16	6" S.S. Piping & Fittings	115	LF	\$60	\$6,900
17	8" S.S. Piping & Fittings	15	LF	\$80	\$1,200
18	8" C900 PVC Force Main Piping & Fittings	125	LF	\$80	\$10,000
19	10" Diameter Concrete Wetwell	30	LF	\$1,000	\$30,000
20	Lift Station Interior Protective Coatings	1000	SF	\$20	\$20,000
21	Xylem SCADA System	1	LS	\$10,000	\$10,000
20	Pump Control Panel w/ SCADA	1	LS	\$115,000	\$115,000
21	Flygt MultiSmart Pump Station Manager	1	EA	\$5,000	\$5,000
22	Cradepoint Modem/Wireless Router	1	EA	\$1,000	\$1,000
21	Flygt 10 HP Submersible Wastewater Pumps	3	EA	\$15,000	\$45,000
22	Guide Bracket & Base Ells	3	EA	\$1,500	\$4,500
23	2" S.S. Guide Rails	84	LF	\$15	\$1,260
24	Pump Float Switch System	1	LS	\$2,000	\$2,000
25	Pump Transducer System	1	LS	\$1,500	\$1,500
26	6" Vent	1	EA	\$250	\$250
27	6" Check Valves	3	EA	\$500	\$1,500
28	6" Gate Valves	3	EA	\$400	\$1,200
29	Air/Vacuum Valve & Piping	1	EA	\$1,000	\$1,000
30	Concrete For Pipe Support & Valves	5	CY	\$500	\$2,500
31	Sanitary Sewer Manhole	1	EA	\$5,000	\$5,000
32	Hatch Cover	1	LS	\$3,500	\$3,500
33	ELECTRICAL WORK				
34	400 Amp, 480V, 3 Phase Electrical Service	1	LS	\$25,000	\$25,000
35	250-kW Generator	1	LS	\$150,000	\$150,000
36	1,000-Gallon Propane Tank w/ Fuel	1	LS	\$7,500	\$7,500
37	Buried Electrical Conduit	150	LF	\$10	\$1,500
38	Wiring to Electrical Service	50	LF	\$40	\$2,000
39	Meter Rack	1	LS	\$30,000	\$30,000
40	Disconnect	1	LS	\$500	\$500
41	400-Amp Automatic Transfer Switch	1	LS	\$5,000	\$5,000
42	10 kVA Transformer & Lighting Panel	1	LS	\$2,500	\$2,500
43	Electrical & Wiring To Motors, Fixtures	1	LS	\$3,000	\$3,000
44	Lighting & Standard	1	LS	\$2,500	\$2,500
45	Subtotal Construction Cost of Lift Station				\$229,500
46	Contingency @ 10 %				\$636,760
47	Total Construction Cost				\$700,436

Estimated Capital Costs					
ROSE HILL ESTATES WATER PLANT NO. 1 - PHASE 1					
Phase 1 - Initial Water Plant Construction					
1	General				
2	Bonds & Insurance	1	LS	\$30,000	\$30,000
3	Mobilization	1	LS	\$3,000	\$3,000
4	Sanitary Facilities	4	MO	\$150	\$600
5	Demobilization & Cleanup	1	LS	\$5,000	\$5,000
6	Sitework				
7	Silt Fence & Entry	400	LF	\$5	\$2,000
8	Clearing & Grubbing	0 5	AC	\$10,000	\$5,000
9	Site Fencing - Chain Link	400	LF	\$35	\$14,000
10	Site Paving - Crushed Concrete	200	SY	\$50	\$10,000
11	Grading & Drainage	1	LS	\$5,000	\$5,000
12	Site & Underground Piping				
13	6" DIP PIPE, Valves & Meter @ Wellhead	1	LS	\$5,000	\$5,000
14	6" C-900 Piping Well - GST	50	LF	\$75	\$3,750
15	8" DIP Piping GST Suction-OP BLDG	95	LF	\$100	\$9,500
16	8" DIP Pump Suction & Discharge Headers	50	LF	\$100	\$5,000
17	6" Booster Pump Check & Isolation Valves	12	EA	\$500	\$6,000
18	6" C-900 HPT Connections	20	LF	\$50	\$1,000
19	6" HPT Isolation Gate Valves	2	EA	\$500	\$1,000
20	8" C-900 Water Distribution	100	LF	\$40	\$4,000
21	8" Gate Valve & Box	5	EA	\$500	\$2,500
22	Concrete Work				
23	Wellhead Seal Slab	4	CY	\$600	\$2,400
24	Chlorine Enclosure Slab	2	CY	\$600	\$1,200
25	GST Concrete Foundation	25	CY	\$600	\$15,000
26	HPT Concrete Foundation	6	CY	\$600	\$3,600
27	Booster Pump Concrete Slab	12	CY	\$600	\$7,200
28	Sidewalk Concrete	2	CY	\$600	\$1,200
29	Electrical Rack & Generator Concrete Slab	4	CY	\$600	\$2,400
30	Operations Center				
31	Booster Pump & Electrical Equipment Building	400	SF	\$125	\$50,000
32	Plant Facilities				
33	Water Well No 1 - 6" Steel Casing, Submersible 20 HP Pump, 180 gpm	1	EA	\$65,000	\$65,000
34	125,000 Gal Epoxy Coated Bolted Steel GST	1	LS	\$85,000	\$85,000
35	ASME Code Hydropneumatic Tank, 5,000 gallon	1	LS	\$25,000	\$25,000
36	400 gpm @ 50 psi Booster Pumps, 25 HP	3	Ea	\$6,000	\$18,000
37	Chlorination Equipment (Liquid)	1	LS	\$1,500	\$1,500
38	Chlorine Equipment Enclosure	1	EA	\$8,000	\$8,000
39	Corrosion Control Equipment (Liquid)	1	LS	\$1,500	\$1,500
40	Electrical & Controls				
41	Well No 1 Control Panel	1	LS	\$5,000	\$5,000
42	Booster Pump Control Panel & Pressure Switches	1	LS	\$10,000	\$10,000
43	400 Amp, 460 volt, 3 Phase Electrical Service Rack	1	LS	\$20,000	\$20,000
44	Electrical Conduit, Wiring & Switches	1	LS	\$5,000	\$5,000
45	Emergency Telephone Dialer	1	LS	\$5,000	\$5,000
46	150 kW Standby Generator with ATS	1	LS	\$50,000	\$50,000
47	Subtotal				\$494,350
48	Contingency @ 10 %				\$49,435
49	Engineering @ 10 %				\$49,435
50	Total Estimated Construction Cost				\$593,220

Estimated Capital Costs ROSE HILL ESTATES WATER PLANT NO. 1 - PHASE 2 Phase 2 - Well No. 2 Addition					
1	General				
2	Bonds & Insurance	1	LS	\$3,500	\$3,500
3	Mobilization	1	LS	\$3,000	\$3,000
4	Sanitary Facilities	4	MO	\$150	\$600
5	Demobilization & Cleanup	1	LS	\$5,000	\$5,000
6	Sitework				
7	Site Paving - Crushed Concrete	60	SY	\$50	\$3,000
8	Site & Underground Piping				
9	6" C-900 Piping Well - GST	50	LF	\$100	\$5,000
10	6" Gate Valve & Box	2	EA	\$500	\$1,000
11	Concrete Work				
12	Wellhead Seal Slab	4	CY	\$600	\$2,400
13	Plant Facilities				
14	Water Well No. 2 - 6" Steel Casing, Submersible 20 HP Pump, 180 gpm	1	EA	\$65,000	\$65,000
15	4" Well Piping, Valves & Meter	1	LS	\$6,000	\$6,000
16	Chlorination Equipment Addition (Liquid)	1	LS	\$1,500	\$1,500
17	Corrosion Control Equipment	1	LS	\$1,500	\$1,500
18	Electrical & Controls				
19	Well Pump # 2 Control Panel	1	LS	\$5,000	\$5,000
20	Well Panel Control Installation & Sensing Devices	1	LS	\$2,500	\$2,500
21	Electrical Conduit, Wiring & Switches	1	LS	\$10,000	\$10,000
22	Subtotal				\$115,000
23	Contingency @ 10 %				\$11,500
24	Engineering @ 10 %				\$11,500
25	Total Estimated Construction Cost				\$138,000

ESTIMATED CONSTRUCTION COSTS BRAZORIA COUNTY MUD NO. 53 REMOTE LIFT STATION					
Item No.	Description	Quan.	Unit	Unit Price	Total
1	GENERAL				
2	Payment/Performance Bonds	1	LS	\$25,925	\$25,925
3	Equipment Move-In, Move-Out	1	LS	\$2,600	\$2,600
4	Portable Toilet Facilities	4	MO	\$150	\$600
5	SITE WORK				
6	Site Stripping & Disposal	1	LS	\$2,000	\$2,000
7	Silt Fencing	200	LF	\$6	\$1,200
8	Reinf Concrete Drive Entry	100	SY	\$150	\$15,000
9	Site Fencing - 8' CMU Block Wall	200	LF	\$79	\$15,800
10	Grading & Drainage	1	LS	\$2,500	\$2,500
11	Site Clean-up & Hydromulching	1	LS	\$2,500	\$2,500
12	YARD PIPING				
13	12-inch sanitary sewer extensions	100	LF	\$80	\$8,000
14	8-inch force main	20	LF	\$50	\$1,000
15	1-inch potable water	50	LF	\$10	\$500
16	Water Line Tap, Meter & Box	1	LS	\$400	\$400
17	Water Backflow Preventer, Box, Heat Tap	1	LS	\$1,500	\$1,500
18	LIFT STATION WETWELL & EQUIPMENT				
19	Excavation	100	CY	\$200	\$20,000
20	Backfill, Cement Stab	30	CY	\$147	\$4,410
21	96 " RCP Wetwell	24	LF	\$2,450	\$58,800
22	Concrete Bottom	8	CY	\$500	\$4,000
23	Slide Rails, 2" SS	100	LF	\$50	\$5,000
24	6" SS Piping & Fittings	50	LF	\$75	\$3,750
25	Vent	1	EA	\$250	\$250
26	Aluminum Pedestal	2	EA	\$500	\$1,000
27	6" Check Valves	2	EA	\$750	\$1,500
28	6" Gate Valves	2	EA	\$750	\$1,500
29	2" Air/Vacuum Relief Valve & Piping	1	EA	\$750	\$750
29	Concrete For Pedestal & Valves	4	CY	\$1,500	\$6,000
30	Lift Pumps & Control Panel	1	LS	\$70,000	\$70,000
31	Hatch Cover	1	LS	\$2,500	\$2,500
32	ELECTRICAL WORK				
33	Buried Conduit	200	LF	\$10	\$2,000
34	Wiring to Electrical Service	50	LF	\$40	\$2,000
35	Meter Rack	1	LS	\$30,000	\$30,000
36	CT & Disconnect	1	LS	\$3,000	\$3,000
37	10 kVA Transformer & Lighting Panel	1	LS	\$3,000	\$3,000
38	Electrical & Wiring To Motors, Fixtures	1	LS	\$3,000	\$3,000
39	Lighting & Standard	1	LS	\$3,000	\$3,000
40	40 kW Diesel Generator & 200 AMP ATS	1	LS	\$45,000	\$45,000
41	Subtotal Construction Cost of Lift Station				\$349,985

BUDGET PRICING FOR PHASE 1 LOS PINOS WWTP 50,000 GPD CAPACITY						
	DESCRIPTION	QUANTITY	UNIT	\$/UNIT	ITEM COST \$	SUBTOTAL
Mobilization, Etc.						
Sitework	Equipment Mobilization	1	LS	\$4,500	\$4,500	
	Staking	1	LS	\$7,000	\$7,000	
	Sanitary Facilities During Construction	4	MO	\$250	\$1,000	
	Equipment Demobilization	1	LS	\$3,000	\$4,500	
	Site Clean-Up	1	LS	\$3,000	\$3,000	\$20,000
	Site Clearing & Grubbing	1 5	AC	\$3,000	\$4,500	
	Crushed Rock Entrance	1	LS	\$5,000	\$5,000	
	Stormwater PPP	1100	LF	\$5	\$5,500	
	Final Grading	1 5	AC	\$2,000	\$3,000	
	Hydromulching	1	AC	\$1,500	\$1,500	
	Crushed Rock Equipment Pad	2,100	SF	\$10	\$21,000	
	Site Paving - Crushed Rock	4,500	SF	\$5	\$22,500	
	Reinf. Concrete Equip. Pad	7	CY	\$1,000	\$7,000	
	Chainlink Fence w/ Gate	1,000	LF	\$30	\$30,000	\$100,000
Yard Piping						
Lift Station	12" Gravity Sewer	50	LF	\$100	\$5,000	
	San Swr Manholes	2	EA	\$4,500	\$9,000	
	6" Drain Lines	100	LF	\$30	\$3,000	
	6" Force Main	100	LF	\$30	\$3,000	\$20,000
	8' Diameter x 24' Wetwell	30	LF	\$2,000	\$60,000	
	Excavation and backfilling	3,250	CF	\$20	\$65,000	
	Concrete Valve Slab	6	CY	\$1,000	\$6,000	
	Hatch Covers	3	EA	\$2,000	\$6,000	
	Submersible Vortex Pumps	2	EA	\$15,000	\$30,000	
	Base Ells & Slide Rails	3	EA	\$5,000	\$15,000	
	Piping & Valves	3	EA	\$6,000	\$18,000	
	Miscellaneous Supports & Fittings	1	LS	\$10,000	\$10,000	
	Pump Control Panel	1	EA	\$10,000	\$10,000	
	Electrical Work	1	LS	\$20,000	\$20,000	\$240,000
Treatment Plant						
	Aeration/Digester Tank	52	LF	\$1,250	\$65,000	
	Air Drops & Diffusers	12	EA	\$250	\$3,000	
	Bar Screen	1	EA	\$5,000	\$5,000	
	Clarifier, 16' Dia.	1	EA	\$65,000	\$65,000	
	Clarifier Drive	1	LS	\$10,000	\$10,000	
	Grouting Clarifier	6	CY	\$1,500	\$9,000	
	Walkway & Handrail	100	LF	\$100	\$10,000	
	Stairway	1	EA	\$5,000	\$5,000	
	RAS Airlift Pump & Piping	1	EA	\$5,000	\$5,000	
	Decant Airlift & Piping	1	EA	\$3,000	\$3,000	
	Process Piping & Valves	1	LS	\$15,000	\$15,000	
	Sand Blasting & Painting	1	LS	\$75,000	\$75,000	
	4,000 Gallon Conc. Chlorine Basin	1	LS	\$10,000	\$10,000	
	Process Blowers	2	EA	\$15,000	\$30,000	
	Blower Control Panel	1	LS	\$15,000	\$15,000	
	Flowmeter & Chart Recorder	1	LS	\$10,000	\$10,000	
	Air Supply Piping	1	LS	\$15,000	\$15,000	
	Disinfection Equipment in Shelter	1	LS	\$15,000	\$15,000	\$365,000
Electrical Work						
	Entrance Conduit & Wire	1	LS	\$15,000	\$15,000	
	Electrical Rack & Gutter	1	LS	\$15,000	\$15,000	
	Electrical Disconnects	1	LS	\$5,000	\$5,000	
	Transfer Switch for Portable Genset	1	LS	\$2,500	\$2,500	
	10 kVA Xformer & Light Panel	1	LS	\$10,000	\$10,000	
	Conduit, Wire & Lighting on Plant	1	LS	\$10,000	\$10,000	
	Telephone Dialer & Sat Phone	1	LS	\$7,500	\$7,500	\$65,000
	Subtotal Construction Cost				\$810,000	\$810,000
	Engineering @ 5%				\$40,500	
	Construction Mgmt @ 5%				\$40,500	
Total Project Cost					\$891,000	

Estimated Capital Costs ROSE HILL ESTATES WATER PLANT NO. 1 - PHASE 1 Phase 1 - Initial Water Plant Construction					
1	General				
2	Bonds & Insurance	1	LS	\$30,000	\$30,000
3	Mobilization	1	LS	\$3,000	\$3,000
4	Sanitary Facilities	4	MO	\$150	\$600
5	Demobilization & Cleanup	1	LS	\$5,000	\$5,000
6	Sitework				
7	Silt Fence & Entry	400	LF	\$5	\$2,000
8	Clearing & Grubbing	0.5	AC	\$10,000	\$5,000
9	Site Fencing - Chain Link	400	LF	\$35	\$14,000
10	Site Paving - Crushed Concrete	200	SY	\$50	\$10,000
11	Grading & Drainage	1	LS	\$5,000	\$5,000
12	Site & Underground Piping				
13	6" DIP PIPE, Valves & Meter @ Wellhead	1	LS	\$5,000	\$5,000
14	6" C-900 Piping Well - GST	50	LF	\$75	\$3,750
15	8" DIP Piping GST Suction-OP BLDG	95	LF	\$100	\$9,500
16	8" DIP Pump Suction & Discharge Headers	50	LF	\$100	\$5,000
17	6" Booster Pump Check & Isolation Valves	12	EA	\$500	\$6,000
18	6" C-900 HPT Connections	20	LF	\$50	\$1,000
19	6" HPT Isolation Gate Valves	2	EA	\$500	\$1,000
20	8" C-900 Water Distribution	100	LF	\$40	\$4,000
21	8" Gate Valve & Box	5	EA	\$500	\$2,500
22	Concrete Work				
23	Wellhead Seal Slab	4	CY	\$600	\$2,400
24	Chlorine Enclosure Slab	2	CY	\$600	\$1,200
25	GST Concrete Foundation	25	CY	\$600	\$15,000
26	HPT Concrete Foundation	6	CY	\$600	\$3,600
27	Booster Pump Concrete Slab	12	CY	\$600	\$7,200
28	Sidewalk Concrete	2	CY	\$600	\$1,200
29	Electrical Rack & Generator Concrete Slab	4	CY	\$600	\$2,400
30	Operations Center				
31	Booster Pump & Electrical Equipment Building	400	SF	\$125	\$50,000
32	Plant Facilities				
33	Water Well No. 1 - 6" Steel Casing, Submersible 20 HP Pump, 180 gpm	1	EA	\$65,000	\$65,000
34	125,000 Gal Epoxy Coated Bolted Steel GST	1	LS	\$85,000	\$85,000
35	ASME Code Hydropneumatic Tank, 5,000 gallon	1	LS	\$25,000	\$25,000
36	400 gpm @ 50 psi Booster Pumps, 25 HP	3	Ea	\$6,000	\$18,000
37	Chlorination Equipment (Liquid)	1	LS	\$1,500	\$1,500
38	Chlorine Equipment Enclosure	1	EA	\$8,000	\$8,000
39	Corrosion Control Equipment (Liquid)	1	LS	\$1,500	\$1,500
40	Electrical & Controls				
41	Well No. 1 Control Panel	1	LS	\$5,000	\$5,000
42	Booster Pump Control Panel & Pressure Switches	1	LS	\$10,000	\$10,000
43	400 Amp, 460 volt, 3 Phase Electrical Service Rack	1	LS	\$20,000	\$20,000
44	Electrical Conduit, Wiring & Switches	1	LS	\$5,000	\$5,000
45	Emergency Telephone Dialer	1	LS	\$5,000	\$5,000
46	150 kW Standby Generator with ATS	1	LS	\$50,000	\$50,000
47	Subtotal				\$494,350
48	Contingency @ 10 %				\$49,435
49	Engineering @ 10 %				\$49,435
50	Total Estimated Construction Cost				\$593,220

Estimated Capital Costs					
ROSE HILL ESTATES WATER PLANT NO. 1 - PHASE 2					
Phase 2 - Well No. 2 Addition					
1	General				
2	Bonds & Insurance	1	LS	\$3,500	\$3,500
3	Mobilization	1	LS	\$3,000	\$3,000
4	Sanitary Facilities	4	MO	\$150	\$600
5	Demobilization & Cleanup	1	LS	\$5,000	\$5,000
6	Sitework				
7	Site Paving - Crushed Concrete	60	SY	\$50	\$3,000
8	Site & Underground Piping				
9	6" C-900 Piping Well - GST	50	LF	\$100	\$5,000
10	6" Gate Valve & Box	2	EA	\$500	\$1,000
11	Concrete Work				
12	Wellhead Seal Slab	4	CY	\$600	\$2,400
13	Plant Facilities				
14	Water Well No. 2 - 6" Steel Casing, Submersible 20 HP Pump, 180 gpm	1	EA	\$65,000	\$65,000
15	4" Well Piping, Valves & Meter	1	LS	\$6,000	\$6,000
16	Chlorination Equipment Addition (Liquid)	1	LS	\$1,500	\$1,500
17	Corrosion Control Equipment	1	LS	\$1,500	\$1,500
18	Electrical & Controls				
19	Well Pump # 2 Control Panel	1	LS	\$5,000	\$5,000
20	Well Panel Control Installation & Sensing Devices	1	LS	\$2,500	\$2,500
21	Electrical Conduit, Wiring & Switches	1	LS	\$10,000	\$10,000
22	Subtotal				\$115,000
23	Contingency @ 10 %				\$11,500
24	Engineering @ 10 %				\$11,500
25	Total Estimated Construction Cost				\$138,000

CONSTRUCTION COST ESTIMATE Construction of Deer Pines Groundwater Supply Plant Phase I to Serve 250 Connections					
Item No.	Description	Quan.	Unit	Unit Price	Total
1	SWPPP	200	LF	\$3	\$600
2	Portable Toilet Facilities During Construction	4	MO	\$150	\$600
3	Clearing & Grubbing	1	LS	\$1,500	\$1,500
4	Grading/Drainage	1	LS	\$1,000	\$1,000
5	Site Fencing - Chain Link	800	LF	\$25	\$20,000
6	Crushed Concrete Access Drive	250	SY	\$30	\$7,500
7	6" Water Well, 30 HP Pump, 240 gpm	1	LS	\$70,000	\$70,000
8	6" PVC Piping, Well - GST	100	LF	\$30	\$3,000
9	6" Gate Valve & Box	6	EA	\$800	\$4,800
10	12" PVC Piping GST- Suction	30	LF	\$75	\$2,250
11	12" Butterfly Valve	1	EA	\$1,500	\$1,500
12	8" PVC Piping Pump Slab -HPT- Dist	150	LF	\$50	\$7,500
13	Pump Suction Manifold & Valves	1	EA	\$2,500	\$2,500
14	Pump Discharge Manifold & Valves	1	EA	\$2,500	\$2,500
15	8" Gate Valve & Box	3	EA	\$1,200	\$3,600
16	8" PVC Piping HPT- Dist	40	LF	\$35	\$1,400
17	6" PVC Piping HPT- Dist	20	LF	\$30	\$600
18	1/2" GIP Pressure Sensing Piping	100	LF	\$3	\$300
19	GST Concrete Foundation & Pad	30	CY	\$500	\$15,000
20	HPT Concrete Foundation	3	CY	\$500	\$1,500
21	Booster Pump Concrete Foundation	3	CY	\$500	\$1,500
22	Generator Slab	2	CY	\$500	\$1,000
23	Chemical Equipment Slab	2	CY	\$500	\$1,000
24	Chemical Equipment Enclosure	1	LS	\$500	\$500
25	Painting	1	LS	\$2,000	\$2,000
26	125,000 Gal Bolted Ground Storage Tank	1	LS	\$65,000	\$65,000
27	Ground Storage Tank Modifications (Vent)	1	LS	\$2,000	\$2,000
28	Hydropneumatic Tank, 8,000 gallon	1	LS	\$32,000	\$32,000
29	400 gpm @ 50 psi Booster Pumps, 25 HP	2	Ea	\$4,000	\$8,000
30	Chlorination Equipment (Liquid)	1	LS	\$1,500	\$1,500
31	Corrosion Chemical Equipment (Liquid)	1	LS	\$1,500	\$1,500
32	Misc Piping & Tubing in Conduit	200	LF	\$10	\$2,000
33	Well Booster Pump Control Panel & Pressure Switches	1	LS	\$10,000	\$10,000
34	Pad Mounted Transformer	1	LS	\$15,000	\$15,000
35	Electrical Service Rack & Disconnects	1	LS	\$10,000	\$10,000
36	250 kW Diesel Generator & ATS	1	LS	\$60,000	\$60,000
37	Electrical Conduit, Wiring & Switches	1	LS	\$15,000	\$15,000
38	Subtotal				\$375,650
39	Contingency @ 10%				\$37,565
40	Total Estimated Construction Cost				\$413,215
41	Engineering @ 10%				\$41,322
42	Total Capital Cost				\$454,537

CONSTRUCTION COST ESTIMATE Construction of Deer Pines Groundwater Supply Plant Phase II to Serve 400 Connections					
Item No.	Description	Quan.	Unit	Unit Price	Total
1	Portable Toilet Facilities During Construction	4	MO	\$150	\$600
2	Crushed Concrete Access Drive	20	SY	\$30	\$600
3	6" Water Well, 30 HP Pump, 240 gpm	1	LS	\$70,000	\$70,000
4	4" PVC Piping, Well - GST	60	LF	\$30	\$1,800
5	Misc Piping & Tubing in Conduit	60	LF	\$10	\$600
6	Chlorination Equipment (Liquid)	1	LS	\$1,500	\$1,500
7	Corrosion Chemical Equipment (Liquid)	1	LS	\$1,500	\$1,500
8	Chemical Equipment Slab	2	CY	\$500	\$1,000
9	Chemical Equipment Enclosure	1	LS	\$500	\$500
10	Electrical Conduit & Wiring & Switches	1	LS	\$5,000	\$5,000
11	Well Control Panel Upgrades & Alternator	1	LS	\$3,000	\$3,000
12	Subtotal Phase II				\$86,100
13	Contingency @ 10%				\$8,610
14	Total Estimated Phase II Construction Cost				\$94,710
15	Engineering @ 10%				\$9,471
16	Total Capital Cost				\$104,181

CONSTRUCTION COST ESTIMATE Construction of Deer Pines Groundwater Supply Plant Phase III to Serve 600 Connections					
Item No.	Description	Quan.	Unit	Unit Price	Total
1	6" PVC Piping, Dist - HPT	30	LF	\$30	\$900
2	6" Gate Valve & Box	2	EA	\$800	\$1,600
3	1/2" GIP Pressure Sensing Piping	100	LF	\$3	\$300
4	HPT Concrete Foundation	3	CY	\$500	\$1,500
5	Hydropneumatic Tank, 8,000 gallon	1	LS	\$32,000	\$32,000
6	400 gpm @ 50 psi Booster Pumps, 25 HP	1	Ea	\$4,000	\$4,000
7	Misc Piping & Tubing in Conduit	200	LF	\$10	\$2,000
8	Booster Pump Control Panel Upgrades & Pressure Switches	1	LS	\$3,000	\$3,000
9	Electrical Conduit, Wiring & Switches	1	LS	\$2,500	\$2,500
10	Subtotal				\$47,800
11	Contingency @ 10%				\$4,780
12	Total Estimated Construction Cost				\$52,580
13	Engineering @ 10%				\$5,258
14	Total Capital Cost				\$57,838

CONSTRUCTION COST ESTIMATE Construction of Deer Pines Groundwater Supply Plant Phase IV to Serve 800 Connections					
Item No.	Description	Quan.	Unit	Unit Price	Total
1	SWPPP	200	LF	\$3	\$600
2	Portable Toilet Facilities During Construction	3	MO	\$150	\$450
3	6" PVC Piping, Well - GST	50	LF	\$30	\$1,500
4	6" Gate Valve & Box	1	EA	\$800	\$800
5	12" PVC Piping GST Equalization	50	LF	\$75	\$3,750
6	12" Butterfly Valve	1	EA	\$1,500	\$1,500
7	12" PVC Piping GST- Suction	30	LF	\$75	\$2,250
8	12" Butterfly Valve	1	EA	\$1,500	\$1,500
9	GST Concrete Foundation & Pad	15	CY	\$500	\$7,500
10	Painting	1	LS	\$1,000	\$1,000
11	48,000 Gal Bolted Ground Storage Tank	1	LS	\$40,000	\$40,000
12	Ground Storage Tank Modifications (Vent)	1	LS	\$2,000	\$2,000
13	400 gpm @ 50 psi Booster Pumps, 25 HP	1	Ea	\$4,000	\$4,000
14	Misc Piping & Tubing in Conduit	200	LF	\$10	\$2,000
15	Booster Pump Control Panel Upgrades & Pressure Switches	1	LS	\$3,000	\$3,000
16	Electrical Conduit, Wiring & Switches	1	LS	\$5,000	\$5,000
17	Subtotal				\$76,850
18	Contingency @ 10%				\$7,685
19	Total Estimated Construction Cost				\$84,535
20	Engineering @ 10%				\$8,454
21	Total Capital Cost				\$92,989

Deer Run Meadows Water Plant Bid Tabulation

Project: Deer Run Meadows Water Plant Project No. 5786
Client: Aqua Texas, Inc.
Prebid Date: November 7, 2019 Day: Time: 2:00 pm Location: WaterEngineers, Inc
Bid Date: November 21, 2019 Day: Thursday Time: 2:00 pm Location: WaterEngineers, Inc
Non-refundable Deposit. \$ - Addenda. 2

No.	Company (Street Address Please)	Contact Person (Please Print)	Phone No./ Fax No.	Addenda Acknowledged	Bid Amount
1	Name: <u>SiteCon Services, Inc.</u>	Kevin Marcotte	281-442-2858	Yes	Water Plant Bid: \$785,000
	Address: <u>P.O. Box 111637</u>				
	<u>Houston, Texas 77293</u>				
2	Name: <u>Bussell & Sons, LLC</u>	Jill Bussell	281-351-9801	Yes	Water Plant Bid. \$1,139,582
	Address: <u>P.O. Box 874</u>				
	<u>Tomball, Texas 77377</u>				
3	Name: <u>Felder Water Well & Pump Service, LLC</u>	Dale Felder	979-849-5144	Yes	Water Plant Bid. \$1,488,082
	Address: <u>17276 FM 523</u>				
	<u>Angleton, Texas 77515</u>				
4	Name: <u>Principal Plant Services, Ltd</u>	Marty Wells	832-480-5447	Yes	Water Plant Bid: \$1,760,000
	Address: <u>27080 Mandell Road</u>				
	<u>Cleveland, Texas 77328</u>				

Deer Run Meadows Water Well Bid Tabulation

Project: Deer Run Meadows Water Plant Project No.: 5786
 Client: Aqua Texas, Inc.
 Prebid Date: November 7, 2019 Day: Time: 2:00 pm Location: WaterEngineers, Inc.
 Bid Date: November 21, 2019 Day: Thursday Time: 2:00 pm Location: WaterEngineers, Inc.
 Non-refundable Deposit: \$ - Addenda: 2

No.	Company (Street Address Please)	Contact Person (Please Print)	Phone No./ Fax No.	Addenda Acknowledged	Bid Amount
1	Name: <u>Johnston Water Well</u>	Shannon Marsh	281-351-5643	Yes	Water Well Bid: \$120,340 Water Well Alternate Bid: \$128,600
	Address: <u>P. O. Box 370</u>				
	<u>New Waverly, Texas 77358</u>				
2	Name: <u>Bussell & Sons, LLC</u>	Jill Bussell	281-351-9801	Yes	Water Well Bid: \$341,000 Water Well Alternate Bid: 387,400
	Address: <u>P O. Box 874</u>				
	<u>Tomball, Texas 77377</u>				
3	Name: <u>Felder Water Well & Pump Service, LLC</u>	Dale Felder	979-849-5144	Yes	Water Well Bid: \$346,000 Water Well Alternate Bid: \$394,000
	Address: <u>17276 FM 523</u>				
	<u>Angleton, Texas 77515</u>				
4	Name: <u>Principal Plant Services, Ltd</u>	Marty Wells	832-480-5447	Yes	Water Well Bid: 493,233 Water Well Alternate Bid: 452,335
	Address: <u>27080 Mandell Road</u>				
	<u>Cleveland, Texas 77328</u>				

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT

SECTION 00300

PROPOSAL FORM

DEER RUN MEADOWS WATER PLANT

To: Aqua Texas, Inc.
Attn: Mr. Robert L. Laughman, President
1106 Clayton Lane, Suite 400W
Austin, Texas 78723

From: Bidder Company Name: SITECON SERVICES, INC.

Re: **DEER RUN MEADOWS WATER PLANT**

Having examined Bidding and Contract Documents prepared by WaterEngineers, Inc. and having examined site conditions, the undersigned proposes to furnish all labor, equipment and materials and perform all work for the completion of the above-named project. Owner will pay for the contracted improvements by making conventional progress and final payments during construction as set forth in Section 00500 – Construction Services Agreement.

In submitting his Proposal, the undersigned agrees to the following:

- Proposer accepts the right of the Owner to reject any or all proposals, to waive formalities and to accept the proposal which Owner considers most advantageous, including best proposed contract time.
- Proposer will enter into and execute the contract, if awarded, for the Base Bid Proposal.
- Proposer will complete work in accordance with the Contract Documents within the proposed contract time.
- Proposer will mobilize to the project job site and begin work within 30 calendar days after receiving a written notice to proceed.

By signing, the undersigned affirms that, to the best of his knowledge, this Proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over respondents in the award of this proposal.

I. WATER WELL BASE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 8-inch Schedule 40 steel cased dual-string water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory, including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Base Bid amount of N/A (words)
\$ _____ (figures).

1. 1 LF **Add/Deduct 6-Inch Test Hole deeper than 685 Feet**
at _____ Dollars
and _____ Cents \$ _____

2. 1 LF **Add/Deduct 8-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200**
 at _____ Dollars
 and _____ Cents \$ _____
3. 1 LF **Add/Deduct 5-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200**
 at _____ Dollars
 and _____ Cents \$ _____
4. 1 LF **Add/Deduct 5-Inch Schedule 80 PVC Pipe Blank Liner that varies from the length required in Specification 13200**
 at _____ Dollars
 and _____ Cents \$ _____
5. 1 LF **Add/Deduct 5-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200**
 at _____ Dollars
 and _____ Cents \$ _____

Ia. WATER WELL ALTERNATE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 10-inch Schedule 40 steel cased single-string, gravel packed water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Alternate Bid amount of N/A (words)
 \$ _____ (figures).

1. 1 LF **Add/Deduct 6-Inch Test Hole deeper than 685 Feet**
 at _____ Dollars
 and _____ Cents \$ _____
2. 1 LF **Add/Deduct 10-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200**
 at _____ Dollars
 and _____ Cents \$ _____
3. 1 LF **Add/Deduct 10-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200**
 at _____ Dollars
 and _____ Cents \$ _____

4. Add/Deduct 10-Inch Schedule 40 Steel Pipe Blank
Liner that varies from the length required in
Specification 13200
1 LF at _____ Dollars
and _____ Cents \$ _____
5. Add/Deduct 6-Inch Sch. 40 Galv. Steel Column Pipe,
Electrical Wire & Polyethylene Static Tubing that varies
from the length required in Specification 13200
1 LF at _____ Dollars
and _____ Cents \$ _____

II. WATER PLANT BASE BID PROPOSAL:

Bidder offers to complete the remaining work required for Deer Run Meadows Water Plant (other than work included in the Water Well Bid/Base Bid Proposal) to be Substantially Complete and fully operational as required on the Drawings and in the Specifications for the total bid amount of SEVEN HUNDRED EIGHTY FIVE THOUSAND DOLLARS (words)
\$ 785,000.00 (figures).

III. AMOUNTS BID TO INCLUDE

The amounts bid include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Drawings and Technical Specifications and that the bid prices include all the work described therein. I/we acknowledge that if all bid items are not fairly bid, the Owner may reject my/our bid.

IV. CONTRACT TIME

Undersigned agrees to begin that the contract time begins on the day after the Notice to Proceed is issued. CONTRACTOR proposes to have the Phase I construction including energizing and connecting the water well and furnishing and connecting the hydropneumatic tank and related piping and valves operable with commercial electric service within 150 calendar days. CONTRACTOR proposes to have the Phase II remaining water plant facilities and equipment Substantially Complete and operational within 240 calendar days, excepting days added for delays that are not the fault of the CONTRACTOR as set out in the Construction Services Agreement.

V. ADDENDA

Undersigned acknowledges receipt of Addenda Nos. 1, 2

VI. CHANGES IN THE WORK

Undersigned understands that changes in the work shall be performed in accordance with the Construction Services Agreement.

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT**VII. LIQUIDATED DAMAGES**

It is understood that the CONTRACTOR shall substantially complete the work comprehended in this agreement, within the contract time proposed in Section III and agrees to accept a penalty of \$500.00 a day for completion beyond that time.

VIII. GENERAL

The amounts proposed include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Contract Documents, Drawings and Technical Specifications and that the Proposal prices include all the work described therein. I/we acknowledge that if all proposal items are not fairly priced, the Owner may reject my/our Proposal.

If I/we are notified of the acceptance of this Proposal, I/we will:

- Furnish Certificates of Insurance verifying all insurance carried by the Contractor which shall apply to the project.
- Furnish a construction schedule satisfactory to the Owner within ten (10) days after the date of written notice to proceed is issued.

It is understood that the Owner reserves the right to reject any and all proposals. The undersigned certifies that the prices contained in this proposal have been carefully checked and are submitted as correct and final and furthermore that these prices will remain valid for a period of sixty (60) days after the scheduled proposal opening date.

By submitting a proposal, bidder agrees to waive any claim it has or may have against the Owner, the Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any proposal; waiver of any requirements under the Proposal Documents; or the Contract Documents; acceptance or rejection of any proposals; and award of the Contract.

BIDDER'S SIGNATURE



Authorized Signature

HEAD SUPERINTENDENT

Title

(Seal, if a Corporation)
State whether Corporation,
Partnership or Individual

SITECON SERVICES, INC.

Name of Contracting Firm

P.O. BOX 111637, HOUSTON, TX 77293

Address

(281) 442-2858

Telephone

12.12.19

Date



END OF SECTION

WATERENGINEERS, INC. PN 5786

**PROPOSAL
DEER RUN MEADOWS WATER PLANT**

SECTION 00300

PROPOSAL FORM

DEER RUN MEADOWS WATER PLANT

To: Aqua Texas, Inc.
Attn: Mr. Robert L. Laughman, President
1106 Clayton Lane, Suite 400W
Austin, Texas 78723

From: Bidder Company Name: Johnston Water Well

Re: **DEER RUN MEADOWS WATER PLANT**

Having examined Bidding and Contract Documents prepared by WaterEngineers, Inc. and having examined site conditions, the undersigned proposes to furnish all labor, equipment and materials and perform all work for the completion of the above-named project. Owner will pay for the contracted improvements by making conventional progress and final payments during construction as set forth in Section 00500 -- Construction Services Agreement.

In submitting his Proposal, the undersigned agrees to the following:

- Proposer accepts the right of the Owner to reject any or all proposals, to waive formalities and to accept the proposal which Owner considers most advantageous, including best proposed contract time.
- Proposer will enter into and execute the contract, if awarded, for the Base Bid Proposal.
- Proposer will complete work in accordance with the Contract Documents within the proposed contract time.
- Proposer will mobilize to the project job site and begin work within 30 calendar days after receiving a written notice to proceed.

By signing, the undersigned affirms that, to the best of his knowledge, this Proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over respondents in the award of this proposal.

I. WATER WELL BASE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 8-inch Schedule 40 steel cased dual-string water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory, including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Base Bid amount of One hundred twenty thousand three hundred forty (words)
\$ 120,340 00 (figures).

1.	1	LF	Add/Deduct 6-Inch Test Hole deeper than 685 Feet		
			at <u>Fourteen</u>	Dollars	
			and <u>Zero</u>	Cents	\$ <u>14.00</u>

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT

2.	1	LF	Add/Deduct 8-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200		
			at <u>Sixty Five</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 65 00
3.	1	LF	Add/Deduct 5-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200		
			at <u>Fifty two</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 52.00
4.	1	LF	Add/Deduct 5-Inch Schedule 80 PVC Pipe Blank Liner that varies from the length required in Specification 13200		
			at <u>Forty seven</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 47 00
5.	1	LF	Add/Deduct 5-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200		
			at <u>Forty three</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 43 00

Ia. WATER WELL ALTERNATE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 10-inch Schedule 40 steel cased single-string, gravel packed water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Alternate Bid amount of One hundred twenty eight thousand six hundred (words)
\$ 128,600 00 (figures).

1.	1	LF	Add/Deduct 6-Inch Test Hole deeper than 685 Feet		
			at <u>Fourteen</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 14 00
2.	1	LF	Add/Deduct 10-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200		
			at <u>Ninety four</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 94 00
3.	1	LF	Add/Deduct 10-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200		
			at <u>One hundred eight</u>	Dollars	
			and <u>Zero</u>	Cents	\$ 108.00

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT

4.	1	LF	Add/Deduct 10-Inch Schedule 40 Steel Pipe Blank Liner that varies from the length required in Specification 13200			
			at	Eighty	Dollars	
			and	Zero	Cents	\$ 80.00
5.	1	LF	Add/Deduct 6-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200			
			at	Fifty two	Dollars	
			and	Zero	Cents	\$ 52.00

II. WATER PLANT BASE BID PROPOSAL:

Bidder offers to complete the remaining work required for Deer Run Meadows Water Plant (other than work included in the Water Well Bid/Base Bid Proposal) to be Substantially Complete and fully operational as required on the Drawings and in the Specifications for the total bid amount of

N/A (words)

\$ (figures).

III. AMOUNTS BID TO INCLUDE

The amounts bid include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Drawings and Technical Specifications and that the bid prices include all the work described therein. I/we acknowledge that if all bid items are not fairly bid, the Owner may reject my/our bid.

IV. CONTRACT TIME

Undersigned agrees to begin that the contract time begins on the day after the Notice to Proceed is issued. CONTRACTOR proposes to have the Phase I construction including energizing and connecting the water well and furnishing and connecting the hydropneumatic tank and related piping and valves operable with commercial electric service within 150 calendar days. CONTRACTOR proposes to have the Phase II remaining water plant facilities and equipment Substantially Complete and operational within 240 calendar days, excepting days added for delays that are not the fault of the CONTRACTOR as set out in the Construction Services Agreement.

V. ADDENDA

Undersigned acknowledges receipt of Addenda Nos. _____

VI. CHANGES IN THE WORK

Undersigned understands that changes in the work shall be performed in accordance with the Construction Services Agreement.

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT**VII. LIQUIDATED DAMAGES**

It is understood that the CONTRACTOR shall substantially complete the work comprehended in this agreement, within the contract time proposed in Section III and agrees to accept a penalty of \$500.00 a day for completion beyond that time.

VIII. GENERAL

The amounts proposed include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Contract Documents, Drawings and Technical Specifications and that the Proposal prices include all the work described therein. I/we acknowledge that if all proposal items are not fairly priced, the Owner may reject my/our Proposal.

If I/we are notified of the acceptance of this Proposal, I/we will:

- Furnish Certificates of Insurance verifying all insurance carried by the Contractor which shall apply to the project.
- Furnish a construction schedule satisfactory to the Owner within ten (10) days after the date of written notice to proceed is issued.

It is understood that the Owner reserves the right to reject any and all proposals. The undersigned certifies that the prices contained in this proposal have been carefully checked and are submitted as correct and final and furthermore that these prices will remain valid for a period of sixty (60) days after the scheduled proposal opening date.

By submitting a proposal, bidder agrees to waive any claim it has or may have against the Owner, the Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any proposal; waiver of any requirements under the Proposal Documents; or the Contract Documents; acceptance or rejection of any proposals; and award of the Contract.

BIDDER'S SIGNATURE

Authorized Signature

President

Title

(Seal, if a Corporation)
State whether Corporation,
Partnership or Individual

Johnston Water Well

Name of Contracting Firm

P.O. Box 370 New Waverly TX

Address

281-351-5643

Telephone

12/3/19

Date

END OF SECTION

WATERENGINEERS, INC. PN 5786

**PROPOSAL
DEER RUN MEADOWS WATER PLANT**

SECTION 00300

PROPOSAL FORM

DEER RUN MEADOWS WATER PLANT

To: Aqua Texas, Inc.
Attn: Mr. Robert L. Laughman, President
1106 Clayton Lane, Suite 400W
Austin, Texas 78723

From: Bidder Company Name: Bussell & Sons, LLC.

Re: **DEER RUN MEADOWS WATER PLANT**

Having examined Bidding and Contract Documents prepared by WaterEngineers, Inc. and having examined site conditions, the undersigned proposes to furnish all labor, equipment and materials and perform all work for the completion of the above-named project. Owner will pay for the contracted improvements by making conventional progress and final payments during construction as set forth in Section 00500 – Construction Services Agreement.

In submitting his Proposal, the undersigned agrees to the following:

- Proposer accepts the right of the Owner to reject any or all proposals, to waive formalities and to accept the proposal which Owner considers most advantageous, including best proposed contract time.
- Proposer will enter into and execute the contract, if awarded, for the Base Bid Proposal.
- Proposer will complete work in accordance with the Contract Documents within the proposed contract time.
- Proposer will mobilize to the project job site and begin work within 30 calendar days after receiving a written notice to proceed.

By signing, the undersigned affirms that, to the best of his knowledge, this Proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over respondents in the award of this proposal.

I. WATER WELL BASE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 8-inch Schedule 40 steel cased dual-string water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory, including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Base Bid amount of Three Hundred Forty One Thousand Dollars & 00/100 (words)
\$ 341,000.00 (figures).

1.	1	LF	Add/Deduct 6-Inch Test Hole deeper than 685 Feet	
			at <u>Twenty Five</u>	Dollars
			and <u>Zero</u>	Cents
				<u>\$ 25.00</u>

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT

2. 1 LF **Add/Deduct 8-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200**
 at Twenty Five Dollars
 and Zero Cents \$ 25.00
3. 1 LF **Add/Deduct 5-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200**
 at Forty Five Dollars
 and Zero Cents \$ 45.00
4. 1 LF **Add/Deduct 5-Inch Schedule 80 PVC Pipe Blank Liner that varies from the length required in Specification 13200**
 at Fifteen Dollars
 and Zero Cents \$ 15.00
5. 1 LF **Add/Deduct 5-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200**
 at Seventeen Dollars
 and Fifty Cents \$ 17.50

Ia. WATER WELL ALTERNATE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 10-inch Schedule 40 steel cased single-string, gravel packed water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Alternate Bid amount of Three Hundred Eighty Seven Thousand Four Hundred Dollars & 00/100 (words)
 \$ 387,400.00 (figures).

1. 1 LF **Add/Deduct 6-Inch Test Hole deeper than 685 Feet**
 at Twenty Five Dollars
 and Zero Cents \$ 25.00
2. 1 LF **Add/Deduct 10-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200**
 at Twenty Nine Dollars
 and Zero Cents \$ 29.00
3. 1 LF **Add/Deduct 10-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200**
 at Eighty Five Dollars
 and Zero Cents \$ 85.00

WATERENGINEERS, INC. PN 5786

**PROPOSAL
DEER RUN MEADOWS WATER PLANT**

4.	1	LF	Add/Deduct 10-Inch Schedule 40 Steel Pipe Blank Liner that varies from the length required in Specification 13200			
			at	Twenty Nine	Dollars	
			and	Zero	Cents	\$ 29.00
<hr/>						
5.	1	LF	Add/Deduct 6-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200			
			at	Twenty Five	Dollars	
			and	Zero	Cents	\$ 25.00
<hr/>						

II. WATER PLANT BASE BID PROPOSAL:

Bidder offers to complete the remaining work required for Deer Run Meadows Water Plant (other than work included in the Water Well Bid/Base Bid Proposal) to be Substantially Complete and fully operational as required on the Drawings and in the Specifications for the total bid amount of One Million One Hundred Thirty Nine Five Hundred Eighty Two Dollars & 00/100 (words) \$ 1,139,582.00 (figures).

III. AMOUNTS BID TO INCLUDE

The amounts bid include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Drawings and Technical Specifications and that the bid prices include all the work described therein. I/we acknowledge that if all bid items are not fairly bid, the Owner may reject my/our bid.

IV. CONTRACT TIME

Undersigned agrees to begin that the contract time begins on the day after the Notice to Proceed is issued. CONTRACTOR proposes to have the Phase I construction including energizing and connecting the water well and furnishing and connecting the hydropneumatic tank and related piping and valves operable with commercial electric service within 150 calendar days. CONTRACTOR proposes to have the Phase II remaining water plant facilities and equipment Substantially Complete and operational within 240 calendar days, excepting days added for delays that are not the fault of the CONTRACTOR as set out in the Construction Services Agreement.

V. ADDENDA

Undersigned acknowledges receipt of Addenda Nos. Addendum No. 1 & Addendum No. 2

VI. CHANGES IN THE WORK

Undersigned understands that changes in the work shall be performed in accordance with the Construction Services Agreement.

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT**VII. LIQUIDATED DAMAGES**

It is understood that the CONTRACTOR shall substantially complete the work comprehended in this agreement, within the contract time proposed in Section III and agrees to accept a penalty of **\$500.00** a day for completion beyond that time.

VIII. GENERAL

The amounts proposed include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Contract Documents, Drawings and Technical Specifications and that the Proposal prices include all the work described therein. I/we acknowledge that if all proposal items are not fairly priced, the Owner may reject my/our Proposal.

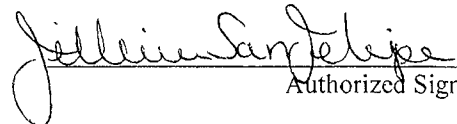
If I/we are notified of the acceptance of this Proposal, I/we will:

- Furnish Certificates of Insurance verifying all insurance carried by the Contractor which shall apply to the project.
- Furnish a construction schedule satisfactory to the Owner within ten (10) days after the date of written notice to proceed is issued.

It is understood that the Owner reserves the right to reject any and all proposals. The undersigned certifies that the prices contained in this proposal have been carefully checked and are submitted as correct and final and furthermore that these prices will remain valid for a period of sixty (60) days after the scheduled proposal opening date.

By submitting a proposal, bidder agrees to waive any claim it has or may have against the Owner, the Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any proposal; waiver of any requirements under the Proposal Documents; or the Contract Documents; acceptance or rejection of any proposals; and award of the Contract.

BIDDER'S SIGNATURE



Authorized Signature

Vice President of Construction

Title

(Seal, if a Corporation)
State whether Corporation,
Partnership or Individual

Bussell & Sons, LLC.

Name of Contracting Firm

P.O. Box 874 Tomball, Texas 77377

Address

(281) 351-9801

Telephone

November 21, 2019

Date

END OF SECTION

WATERENGINEERS, INC. PN 5786

**PROPOSAL
DEER RUN MEADOWS WATER PLANT**

SECTION 00300

PROPOSAL FORM

DEER RUN MEADOWS WATER PLANT

To: Aqua Texas, Inc.
Attn: Mr. Robert L. Laughman, President
1106 Clayton Lane, Suite 400W
Austin, Texas 78723

From: Bidder Company Name: Felder Water Well & Pump Service, LLC.

Re: **DEER RUN MEADOWS WATER PLANT**

Having examined Bidding and Contract Documents prepared by WaterEngineers, Inc. and having examined site conditions, the undersigned proposes to furnish all labor, equipment and materials and perform all work for the completion of the above-named project. Owner will pay for the contracted improvements by making conventional progress and final payments during construction as set forth in Section 00500 – Construction Services Agreement.

In submitting his Proposal, the undersigned agrees to the following:

- Proposer accepts the right of the Owner to reject any or all proposals, to waive formalities and to accept the proposal which Owner considers most advantageous, including best proposed contract time.
- Proposer will enter into and execute the contract, if awarded, for the Base Bid Proposal.
- Proposer will complete work in accordance with the Contract Documents within the proposed contract time.
- Proposer will mobilize to the project job site and begin work within 30 calendar days after receiving a written notice to proceed.

By signing, the undersigned affirms that, to the best of his knowledge, this Proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over respondents in the award of this proposal.

I. WATER WELL BASE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 8-inch Schedule 40 steel cased dual-string water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory, including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Base Bid amount of Three Hundred Forty Six Thousand Dollars and Zero Cents (words)
\$ 346,000.00 (figures).

1.	1	LF	Add/Deduct 6-Inch Test Hole deeper than 685 Feet	
			at <u>Twenty</u>	Dollars
			and <u>Zero</u>	Cents
				<u>\$ 20.00</u>

PROPOSAL

WATERENGINEERS, INC. PN 5786 DEER RUN MEADOWS WATER PLANT

- | | | | | |
|----|---|----|---|-----------------|
| 2. | 1 | LF | Add/Deduct 8-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200
at <u>Twenty Five</u> Dollars
and <u>Zero</u> Cents | <u>\$ 25.00</u> |
| 3. | 1 | LF | Add/Deduct 5-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200
at <u>Thirty Seven</u> Dollars
and <u>Zero</u> Cents | <u>\$ 37.00</u> |
| 4. | 1 | LF | Add/Deduct 5-Inch Schedule 80 PVC Pipe Blank Liner that varies from the length required in Specification 13200
at <u>Thirty Five</u> Dollars
and <u>Zero</u> Cents | <u>\$ 35.00</u> |
| 5. | 1 | LF | Add/Deduct 5-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200
at <u>Thirty Seven</u> Dollars
and <u>Zero</u> Cents | <u>\$ 37.00</u> |

Ia. WATER WELL ALTERNATE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 10-inch Schedule 40 steel cased single-string, gravel packed water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Alternate Bid amount of Three Hundred Ninety Four Thousand Dollars and Zero Cents (words) \$ 394,000.00 (figures).

- | | | | | |
|----|---|----|--|-----------------|
| 1. | 1 | LF | Add/Deduct 6-Inch Test Hole deeper than 685 Feet
at <u>Twenty Five</u> Dollars
and <u>Zero</u> Cents | <u>\$ 25.00</u> |
| 2. | 1 | LF | Add/Deduct 10-Inch SCH 40 Steel Casing & Cementing that varies from the length required in Specification 13200
at <u>Forty Five</u> Dollars
and <u>Zero</u> Cents | <u>\$ 45.00</u> |
| 3. | 1 | LF | Add/Deduct 10-Inch Stainless Steel Pipe Base Screen that varies from the length required in Specification 13200
at <u>Sixty One</u> Dollars
and <u>Zero</u> Cents | <u>\$ 61.00</u> |

WATERENGINEERS, INC. PN 5786

**PROPOSAL
DEER RUN MEADOWS WATER PLANT**

4.	1	LF	Add/Deduct 10-Inch Schedule 40 Steel Pipe Blank Liner that varies from the length required in Specification 13200			
			at	Twenty Five	Dollars	
			and	Zero	Cents	\$ 25.00
5.	1	LF	Add/Deduct 6-Inch Sch. 40 Galv. Steel Column Pipe, Electrical Wire & Polyethylene Static Tubing that varies from the length required in Specification 13200			
			at	Fifteen	Dollars	
			and	Zero	Cents	\$ 15.00

II. WATER PLANT BASE BID PROPOSAL:

Bidder offers to complete the remaining work required for Deer Run Meadows Water Plant (other than work included in the Water Well Bid/Base Bid Proposal) to be Substantially Complete and fully operational as required on the Drawings and in the Specifications for the total bid amount of One Million, Four Hundred Eighty Eight Thousand, Eighty Two Dollars and Zero Cents (words)
\$ 1,488,082.00 (figures).

III. AMOUNTS BID TO INCLUDE

The amounts bid include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Drawings and Technical Specifications and that the bid prices include all the work described therein. I/we acknowledge that if all bid items are not fairly bid, the Owner may reject my/our bid.

IV. CONTRACT TIME

Undersigned agrees to begin that the contract time begins on the day after the Notice to Proceed is issued. CONTRACTOR proposes to have the Phase I construction including energizing and connecting the water well and furnishing and connecting the hydropneumatic tank and related piping and valves operable with commercial electric service within 150 calendar days. CONTRACTOR proposes to have the Phase II remaining water plant facilities and equipment Substantially Complete and operational within 240 calendar days, excepting days added for delays that are not the fault of the CONTRACTOR as set out in the Construction Services Agreement.

V. ADDENDA

Undersigned acknowledges receipt of Addenda Nos. 1 & 2

VI. CHANGES IN THE WORK

Undersigned understands that changes in the work shall be performed in accordance with the Construction Services Agreement.

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT**VII. LIQUIDATED DAMAGES**

It is understood that the CONTRACTOR shall substantially complete the work comprehended in this agreement, within the contract time proposed in Section III and agrees to accept a penalty of **\$500.00** a day for completion beyond that time.

VIII. GENERAL

The amounts proposed include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Contract Documents, Drawings and Technical Specifications and that the Proposal prices include all the work described therein. I/we acknowledge that if all proposal items are not fairly priced, the Owner may reject my/our Proposal.

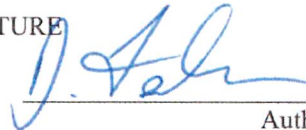
If I/we are notified of the acceptance of this Proposal, I/we will:

- Furnish Certificates of Insurance verifying all insurance carried by the Contractor which shall apply to the project.
- Furnish a construction schedule satisfactory to the Owner within ten (10) days after the date of written notice to proceed is issued.

It is understood that the Owner reserves the right to reject any and all proposals. The undersigned certifies that the prices contained in this proposal have been carefully checked and are submitted as correct and final and furthermore that these prices will remain valid for a period of sixty (60) days after the scheduled proposal opening date.

By submitting a proposal, bidder agrees to waive any claim it has or may have against the Owner, the Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any proposal; waiver of any requirements under the Proposal Documents; or the Contract Documents; acceptance or rejection of any proposals; and award of the Contract.

BIDDER'S SIGNATURE



Authorized Signature

Vice President

Title

(Seal, if a Corporation)
State whether Corporation,
Partnership or Individual

Felder Water Well & Pump Service, LLC.

Name of Contracting Firm

17276 FM 523- Angleton, TX 77515

Address

979-849-5144

Telephone

11/21/2019

Date



END OF SECTION

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT

SECTION 00300

PROPOSAL FORM

DEER RUN MEADOWS WATER PLANT

To: Aqua Texas, Inc.
Attn: Mr. Robert L. Laughman, President
1106 Clayton Lane, Suite 400W
Austin, Texas 78723

From: Bidder Company Name: Principal Plant Services, Ltd.

Re: **DEER RUN MEADOWS WATER PLANT**

Having examined Bidding and Contract Documents prepared by WaterEngineers, Inc. and having examined site conditions, the undersigned proposes to furnish all labor, equipment and materials and perform all work for the completion of the above-named project. Owner will pay for the contracted improvements by making conventional progress and final payments during construction as set forth in Section 00500 – Construction Services Agreement.

In submitting his Proposal, the undersigned agrees to the following:

- Proposer accepts the right of the Owner to reject any or all proposals, to waive formalities and to accept the proposal which Owner considers most advantageous, including best proposed contract time.
- Proposer will enter into and execute the contract, if awarded, for the Base Bid Proposal.
- Proposer will complete work in accordance with the Contract Documents within the proposed contract time.
- Proposer will mobilize to the project job site and begin work within 30 calendar days after receiving a written notice to proceed.

By signing, the undersigned affirms that, to the best of his knowledge, this Proposal has been arrived at independently and is submitted without collusion with anyone to obtain information or gain any favoritism that would in any way limit competition or give an unfair advantage over respondents in the award of this proposal.

I. WATER WELL BASE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 8-inch Schedule 40 steel cased dual-string water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory, including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Base Bid amount of Four hundred ninety three thousand two hundred thirty three (words)
\$ 493,233.00 (figures). dollars and zero cents

1. 1 LF Add/Deduct 6-Inch Test Hole deeper than 685 Feet
at Fifty Dollars
and zero Cents \$ 50.00

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT

2. 1 LF Add/Deduct 8-Inch SCH 40 Steel Casing & Cementing
that varies from the length required in Specification 13200
at One hundred eighty Dollars
and Zero Cents \$ 180.⁰⁰
3. 1 LF Add/Deduct 5-Inch Stainless Steel Pipe Base Screen that
varies from the length required in Specification 13200
at Two hundred Dollars
and Zero Cents \$ 200.⁰⁰
4. 1 LF Add/Deduct 5-Inch Schedule 80 PVC Pipe Blank Liner
that varies from the length required in Specification 13200
at One hundred fifty Dollars
and Zero Cents \$ 150.⁰⁰
5. 1 LF Add/Deduct 5-Inch Sch. 40 Galv. Steel Column Pipe,
Electrical Wire & Polyethylene Static Tubing that varies
from the length required in Specification 13200
at Forty Dollars
and Zero Cents \$ 40.⁰⁰

Ia. WATER WELL ALTERNATE BID PROPOSAL AND ADD/DEDUCT BID AMOUNTS:

Bidder offers to construct the complete Deer Run Meadows 10-inch Schedule 40 steel cased single-string, gravel packed water well, well pump and well pump control panel as required on the Drawings and in the Specifications. Bidder agrees to provide a temporary generator to conduct a 36-hour pump test and collect and submit all well testing samples to a TCEQ accredited laboratory including chemical and radionuclide testing, and bacterial testing within 60 days as required on the Drawings and in the Specifications for the total Alternate Bid amount of Four hundred fifty two thousand, three hundred thirty five (words) \$ 452,335.00 (figures). by dollars and zero cents

1. 1 LF Add/Deduct 6-Inch Test Hole deeper than 685 Feet
at Fifty Dollars
and Zero Cents \$ 50.⁰⁰
2. 1 LF Add/Deduct 10-Inch SCH 40 Steel Casing &
Cementing that varies from the length required in
Specification 13200
at Two hundred Dollars
and Zero Cents \$ 200.00
3. 1 LF Add/Deduct 10-Inch Stainless Steel Pipe Base Screen that
varies from the length required in Specification 13200
at Two hundred twenty Dollars
and Zero Cents \$ 220.00

PROPOSAL

WATERENGINEERS, INC. PN 5786

DEER RUN MEADOWS WATER PLANT

4. Add/Deduct 10-Inch Schedule 40 Steel Pipe Blank
Liner that varies from the length required in
Specification 13200
1 LF at One hundred fifty Dollars
and zero Cents \$ 150⁰⁰
5. Add/Deduct 6-Inch Sch. 40 Galv. Steel Column Pipe,
Electrical Wire & Polyethylene Static Tubing that varies
from the length required in Specification 13200
1 LF at Forty Dollars
and zero Cents \$ 40.00

II. WATER PLANT BASE BID PROPOSAL:

Bidder offers to complete the remaining work required for Deer Run Meadows Water Plant (other than work included in the Water Well Bid/Base Bid Proposal) to be Substantially Complete and fully operational as required on the Drawings and in the Specifications for the total bid amount of One million, seven hundred and sixty thousand dollars and (words)
\$1,760,000.00 (figures). zero cents

III. AMOUNTS BID TO INCLUDE

The amounts bid include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Drawings and Technical Specifications and that the bid prices include all the work described therein. I/we acknowledge that if all bid items are not fairly bid, the Owner may reject my/our bid.

IV. CONTRACT TIME

Undersigned agrees to begin that the contract time begins on the day after the Notice to Proceed is issued. CONTRACTOR proposes to have the Phase I construction including energizing and connecting the water well and furnishing and connecting the hydropneumatic tank and related piping and valves operable with commercial electric service within 150 calendar days. CONTRACTOR proposes to have the Phase II remaining water plant facilities and equipment Substantially Complete and operational within 240 calendar days, excepting days added for delays that are not the fault of the CONTRACTOR as set out in the Construction Services Agreement.

V. ADDENDA

Undersigned acknowledges receipt of Addenda Nos. 1, 2

VI. CHANGES IN THE WORK

Undersigned understands that changes in the work shall be performed in accordance with the Construction Services Agreement.

WATERENGINEERS, INC. PN 5786

PROPOSAL
DEER RUN MEADOWS WATER PLANT**VII. LIQUIDATED DAMAGES**

It is understood that the CONTRACTOR shall substantially complete the work comprehended in this agreement, within the contract time proposed in Section III and agrees to accept a penalty of **\$500.00** a day for completion beyond that time.

VIII. GENERAL

The amounts proposed include all costs, commissions, overhead, permits and payments required and necessary for the complete work as specified. I/we acknowledge that we have read and understood the Contract Documents, Drawings and Technical Specifications and that the Proposal prices include all the work described therein. I/we acknowledge that if all proposal items are not fairly priced, the Owner may reject my/our Proposal.

If I/we are notified of the acceptance of this Proposal, I/we will:

- Furnish Certificates of Insurance verifying all insurance carried by the Contractor which shall apply to the project.
- Furnish a construction schedule satisfactory to the Owner within ten (10) days after the date of written notice to proceed is issued.

It is understood that the Owner reserves the right to reject any and all proposals. The undersigned certifies that the prices contained in this proposal have been carefully checked and are submitted as correct and final and furthermore that these prices will remain valid for a period of sixty (60) days after the scheduled proposal opening date.

By submitting a proposal, bidder agrees to waive any claim it has or may have against the Owner, the Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any proposal; waiver of any requirements under the Proposal Documents; or the Contract Documents; acceptance or rejection of any proposals; and award of the Contract.

BIDDER'S SIGNATURE



 Authorized Signature

C.O.O.

Title

(Seal, if a Corporation)
 State whether Corporation,
 Partnership or Individual

Principal Plant Services, Ltd.

Name of Contracting Firm

27080 Mandell Road, Cleveland, TX 77328

Address

832-480-5447

Telephone

11/21/2019

Date

END OF SECTION

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
2019-562295

Date Filed:
11/18/2019

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Principal Plant Services, Ltd
Cleveland, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Aqua Texas, Inc. for Deer Run Meadows

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

No. WEI PN 5786
Construction of the Water Plant to Serve Deer Run Meadows

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Burns, Kevin	Cleveland , TX United States	X	
	Kolb, Kevin	Cleveland , TX United States	X	
	Durham, John	Cleveland, TX United States	X	
	Wells , Marty	Cleveland, TX United States	X	

5 Check only if there is NO Interested Party. ☐

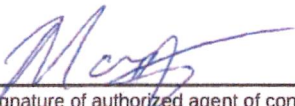
6 UNSWORN DECLARATION

My name is Marty Wells, and my date of birth is 2/19/79.

My address is 27080 Mandell Rd., Cleveland, TX, 77328, US.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Montgomery County, State of Texas, on the 18th day of November, 20 19.
(month) (year)


Signature of authorized agent of contracting business entity
(Declarant)

THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we **Principal Plant Services, Ltd.** as Principal, hereinafter called the Principal, and **SureTec Insurance Company** a corporation duly organized under the laws of the State of Texas as Surety, hereinafter called the Surety, are held and firmly bound unto

Aqua Texas, Inc.

as Oblige, hereinafter called the Oblige, in the sum of **Five Percent of the Greatest Amount Bid**

Dollars (\$ 5% of G.A.B.),
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

Construction Services of Deer Run Meadows Water Plant

NOW, THEREFORE, if the Oblige shall accept the bid of the Principal and the Principal shall enter into a Contract with the Oblige in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Oblige the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Oblige may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this **21st** day of **November, 2019**

K. Anderson

Witness

Principal Plant Services, Ltd.

(Principal)

(Seal)

{

M. [Signature]

Authorized Agent

SureTec Insurance Company

(Surety)

(Seal)

{

Kelly J. Brooks

Kelly J. Brooks, Attorney-In-Fact

Delana Jackson

(Witness)

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

C. A. McClure, Kelly J. Brooks, Kenneth L. Meyer, Michelle Ulery

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for, providing the bond penalty does not exceed

Fifteen Million and 00/100 Dollars (\$15,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the CEO, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its CEO, and its corporate seal to be hereto affixed this 27th day of September, A.D. 2018.

SURETEC INSURANCE COMPANY

By:

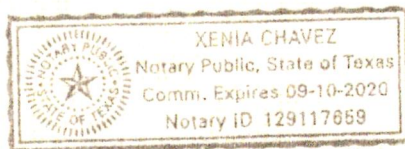
John Knox Jr., CEO

State of Texas
County of Harris

SS:



On this 27th day of September, A.D. 2018 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is CEO of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Xenia Chavez, Notary Public

My commission expires September 10, 2020

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 21st day of November, 2019, A.D.

M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.

For verification of the authority of this power you may call (713) 812-0800 any business day between 8:30 am and 5:00 pm CST.

Equipment Pricing Bids Deer Glen Meadows Water Plant

Bid Item	Bid Price	Time for Submittals Weeks	Time for Fabrication Weeks	Comments
Ground Storage Tank (211,000 Gallons)				
CST	\$109,526	2 to 3	11 to 13	
National	\$126,285	1 to 3	6 to 10	
Superior	\$84,040	3 to 4	8 to 10	
Hydropneumatic Tank (5,073 Gallons)				
ACME	\$27,315		8 to 10	Not delivered, no Final Coating
Bulldog Steel	\$18,999			May 2018 Delivery
Quicktanks	\$24,900		10 to 12	
Auxiliary Generator (Natural Gas, 190 - 200 kW), 400 AMP ATS				
Loftin/Kohler	\$68,975	2	9 to 11	
Taylor Power Systems	\$63,741	1	11 to 14	
Booster Pump Control Panel				
Controls of Houston	\$16,485		ASAP	Includes Pressure Switches and Cellular Dialer
JA Controls	\$14,309		4 to 6	Includes Pressure Switches and Cellular Dialer
JA Controls	\$10,175		4 to 6	Panel Only, Local Delivery
MKM/SJE-Rhombus	\$6,880		5	Panel Only, Shipping is Prepay & Add
Booster Pumps (4 @ 25 HP TEFC. 375 gpm @ 65 psi, Griswod R3GM)				
Gulf Coast Pump	\$13,400	1	4 to 6	Does Not Include Shipping
Pumps of Houston/	\$13,800	1	3-Feb	
TreatMentality	\$11,668	1	8 to 10	Sister Company to WaterEngineers. Inc.