



PO Box 909 • Willis, TX 77378
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www.weisingerinc.com

October 25, 2024

City of Tomball
401 West Market Street, Suite C
Tomball, TX 77375

Attn: Will Goff, CWP

Ref: City of Tomball Pine St. Well 2 Rehabilitation

Mr. Goff –

As requested, we have prepared a proposal for complete water well and pump rehabilitation for City of Tomball Well 5.

Based on available data and the performance conducted on 12/27/2023 we are recommending pump design conditions of 1600 GPM at 668’ TDH and a pump setting of 640 feet of 10” x 1-15/16” x 3” column assembly (in lieu of 2000 GPM at 550’ TDH and a pump setting of 610 feet of 10” x 1-15/16” x 3” column assembly). The well’s specific capacity does not support a design flow of 2000 GPM.

Please consider the following.

Scope of Service Mobilization, Removal & Inspection of Pumping Equipment.....\$39,590.00

- 1. Mobilize to perform water well rehabilitation operations 1 L.S.
- 2. Pull 400HP motor and 610' of 10" x 3" x 1-15/16" column assembly and pump under normal removal procedures, and haul the pumping equipment to Weisinger Incorporated's yard for inspection. 1 L.S.
- 3. Perform a TV survey of the well 1 Ea.

Scope of Service Pumping Equipment.....\$227,700.00

- 1. Furnish 640 ft. of 10" x 3-1/2" x 2-7/16" column assembly with suction pipe and stainless-steel strainer 1 L.S. 136,500.00 136,500.00



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2.	Furnish a new 1,600 GPM at 668' TDH enclosed lineshaft bowl assembly	1	L.S.	44,900.00	44,900.00
3.	Furnish a new 3-gallon epoxy coated oil reservoir complete with immersion heater and lubrication kit	1	L.S.	4,400.00	4,400.00
4.	Furnish 650 feet of new 1/4" stainless steel airline and new water level detection kit	1	L.S.	3,000.00	3,000.00
5.	Sand blast, prime, paint, and re-use the existing fabricated steel discharge head	1	L.S.	2,500.00	2,500.00
6.	Refurbish and re-wind the existing 400 horsepower electric well pump motor.	1	L.S.	22,600.00	22,600.00
7.	Furnish a new 1-15/16" motor drive shaft complete with head shaft nut and gib key	1	L.S.	1,400.00	1,400.00
8.	Furnish a new 1-15/16" x 3" tube tension bearing with O-rings	1	L.S.	1,700.00	1,700.00
9.	Miscellaneous items necessary to make the pumping equipment operational	1	L.S.	2,600.00	2,600.00
10.	Shop labor to assemble the equipment and load for shipment to the job site	1	L.S.	8,100.00	8,100.00

Scope of Service Pump Installation and Start-Up\$35,000.00

1.	Haul the pumping equipment to the well site, set, start-up, and test the pumping equipment	1	L.S.		
2.	Perform bacteriological sampling and analysis	1	L.S.		

Total for the Scope of Services and Materials Outlined Above\$302,290.00

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Adder for Mechanical Cleaning\$51,410.00

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|----|---|----|-----|
| 1. | Perform wire brushing of the well screens and blank liner (394 total feet from top of screen to sump) | 30 | Hr. |
| 2. | Perform airlift jetting of accumulated debris from the bottom of the well | 30 | Hr. |
| 3. | Perform TV survey of the well | 1 | Ea. |

Adder for Chemical Cleaning and Disinfection.....\$86,860.00

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|----|--|---|------|
| 1. | Perform acid treatment of well screens with 2,700 gallons of hydrochloric acid with inhibitor, mixed with 55 gallons of NW-310 acid enhancer | 1 | L.S. |
| 2. | Perform 400 ppm downhole sodium hypochlorite disinfection treatment in the screened sections of the well | 1 | L.S. |
| 3. | Perform TV survey of the well | 1 | Ea. |

Thank you for the opportunity to offer you our services as we await your response.

Sincerely,



Cristian Rivera



BuyBoard Contract # 672-22