



Layne Christensen Company
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Aurora, IL 60506

630/897-6941
graniteconstruction.com

July 7, 2025

Julius Hansen
City of Crest Hill
20600 City Center Blvd.
Crest Hill, IL 60403

Re: WELL NO. 4 – WELL REHABILITATION PROPOSAL

Dear Mr. Hansen,

Our servicemen were at the well house to troubleshoot the pump and motor assembly installed at Well 4 located in Crest Hill, IL. Per your request, we are sending this letter to estimate the costs for the pulling pumping assembly and rehabilitating Well No. 4.

Per Layne's records, the pumping equipment in this well is a 25HP Franklin motor and a Grundfos 385S250-3 stage pump end rated for 405GPM, set on 168' of 4" T&C 304-stainless steel pipe. The well is an 8" Casing and has been in service since 1981 and the current pumping assembly was last replaced in 2015.

We mobilized to your site on July 6, 2025, to troubleshoot, and our technicians noticed that the vibrations from the pumping assembly are too loud and is vibrating the whole building. Due to the blind setting (near by the powerlines), we may have to use a Large Crane to pull and set the equipment. (We will charge you for Large Crane and 2-Men - \$551/Hr. if that is used instead of Small-Rig).

Due to the nature of the situation, an exact cost cannot be determined until the pumping assembly has been pulled and inspected. However, for budgetary purposes, we have developed the proposal below for pulling, inspecting the assembly and replacing with the new equipment if needed. We are still waiting on material pricing for the chemical treatment, but due to the emergency nature, we wanted to get you this proposal as soon as possible.

If the city agrees to conduct a video-survey of the well, it will help in determining the extent for chemical rehabilitation/cleaning of the well whose cost is not included in this proposal.

Pump repairs of this nature are normally performed on a time & material basis, per the rates, terms, & conditions as outlined on the attached Work Order Form. We would utilize a Small Pump Service rig or Large Crane, along with a three-man crew.

WATER RESOURCES

The listing of the items for our T&M estimate is broken down as follows:

Crest Hill - Well 4 - Pull, Inspect and Re-install					
	Item	Qty	Unit	Unit Cost	Extension
1	Load and mobilize to the site, set up pipe inspection racks, pump service rig and support equipment. Lockout power to pump.				
	Mobilize equipment to Site; Rig Up				
	Serviceman and Helper (LOADING)	4	HR	\$ 385.00	\$ 1,540.00
	Small-Rig and two-man crew	8	HR	\$ 496.00	\$ 3,968.00
	Serviceman with Truck and Tools	8	HR	\$ 281.00	\$ 2,248.00
2	REMOVE THE COMPLETE PUMPING ASSEMBLY				
	Small-Rig and 2-Man Crew	16	HR	\$ 496.00	\$ 7,936.00
	Serviceman with Truck and Tools	16	HR	\$ 281.00	\$ 4,496.00
	Power Tongs	2	DY	\$ 475.00	\$ 950.00
3	TV Service				
	Conduct a down-hole video survey to determine if the well needs any mechanical or chemical rehabilitation and assess down-hole conditions	1	EA	\$ 1,800.00	\$ 1,800.00
4	INSPECT PUMPING COMPONENTS				
	Inspect Pump/Motor, and Pipe				
	Machinist and Equipment	8	HR	\$ 214.00	\$ 1,712.00
	Helper	8	HR	\$ 190.00	\$ 1,520.00
	Sandblast Equipment and 2-Man Crew	8	HR	\$ 435.00	\$ 3,480.00
	Serviceman and Helper (yard UNLOADING)	2	HR	\$ 385.00	\$ 770.00
5	WELL REHABILITATION - SCRATCH AND BAIL				
	Scratch the Well casing and bailing out the debris				
	Small-Rig and 2-Man Crew	24	HR	\$ 496.00	\$ 11,904.00
	Serviceman with Truck and Tools	24	HR	\$ 281.00	\$ 6,744.00
	Dumpster	2	DY	\$ 1,500.00	\$ 3,000.00

6	CHEMICAL/ACIDIC TREATMENT OF THE WELL				
	Chemical Treatment and Surging Equipment	1	LS	TBD	TBD
7	SET PUMP				
	SET PUMP, TEST AND DEMOBILIZE				
	Small-Rig and 2-Man Crew	16	HR	\$ 496.00	\$ 7,936.00
	Serviceman with Truck and Tools	16	HR	\$ 281.00	\$ 4,496.00
	Welder	8	HR	\$ 195.00	\$ 1,560.00
	Power Tongs	2	DY	\$ 475.00	\$ 950.00
8	PICK UP AND LOAD NEW MATERIAL				
	Helper	6	HR	\$ 190.00	\$ 1,140.00
9	REPAIRS				
	Pipe Repairs, Connect Pump/Motor				
	Machinist and Equipment	24	HR	\$ 214.00	\$ 5,136.00
	12" Threading and Operator	8	HR	\$ 240.00	\$ 1,920.00
10	MATERIALS				
	Franklin - 25 HP, 230/1 3w - 6" Motor	1	EA	\$ 4,250.00	\$ 4,250.00
	Grundfos 25 HP - 402 GPM, 6" SS. Pump end	1	EA	\$ 6,000.00	\$ 6,000.00
	4" - SST Column Pipe	168	FT	\$ 40.00	\$ 6,720.00
	4" x 36" SS PUP	2	EA	\$ 1,200.00	\$ 2,400.00
	4" - Flomatic. Positive Check valve - SS	1	EA	\$ 4,000.00	\$ 4,000.00
	AWG No 4 Cable	180	LF	\$ 8.60	\$ 1,548.00
	Misc. (Airline, Chlorine, gauges, screws)	1	LS	\$ 1,000.00	\$ 1,000.00
TOTAL ESTIMATED COST					\$ 101,124.00

We assume the pump can be pulled in a normal fashion without the need for any fishing for its removal from the well.

Once the pump has been removed and inspected, *Layne would provide an updated repair cost estimate BEFORE proceeding with any repairs.* Of course, if we encounter something needed that is out of the ordinary/unforeseen, we will include that in the updated estimate.

This proposal is contingent upon mutually agreeable terms and conditions.

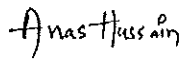
This work will be performed by our field crew from our Aurora, IL office, which operates under Local Union 150 labor rates. The work will be performed on a time and materials (T&M) basis, and proposal items will only be billed based on actual work performed on-site. The cost estimate

above is an approximation of the total expenses that may be incurred for pulling and inspecting the well only.

Layne values our longstanding relationship with the City of Crest Hill and is looking forward to again being of service to you on this project. If you have any questions, comments, or concerns regarding the proposal above please do not hesitate to contact me. I can always be reached either in the office at 630.897.6941 or on my mobile at 630.538.6202.

Yours Very Truly,

Layne Christensen Company


Anas Hussian
Project Manager

Above work accepted by (signature): _____

Printed Name: _____

Title: _____

Date: _____