



Layne Christensen Company  
721 W. Illinois Avenue  
Aurora, IL 60506

630/897-6941  
graniteconstruction.com

November 3, 2020

Mr. Robert Leible  
City of Aurora  
44 E. Downer Place  
Aurora, IL 60507

Re: Well 129

Mr. Leible:

The Well 129 Byron Jackson submersible pump has declined in performance (GPM) over the last year. The pump has been in operation since its original installation in 2011. Layne recommends removing the pump for inspection and maintenance repairs.

If contracted, Layne will perform the work on a time and material basis per the attached Schedule B Work Order Form and will follow the terms and conditions of our Professional Services Agreement (PSA) with the City. The attached Work Order Form lists Layne's standard published rates. The estimates in this letter include the PSA stipulated 5% deduct applied toward labor and 10% deduct applied toward special services.

Layne recommends a Phase I scope of work to include

- Mobilize and remove pump.
- Bring all pump components to Layne yard; disassemble, clean, and inspect
- Perform a field mechanical and field electrical inspection of the Byron Jackson motor.
- Televiser well.

The budget estimate of Phase I as described above is \$14,000.

Once Layne has inspected the pump components, Layne will offer a Pump Inspection Report with observations, recommendations, and an accurate repair estimate.

Budget estimate to replace all of the column pipe, surge control, flat cable, rebuild the bowl assembly and service the motor is \$30,000.

Budget estimate to set and test the pump after necessary repairs is \$10,500.

With our current schedule, Layne is in position to mobilize to the site within two to three weeks of the City's written notice to proceed.

Thank you for the opportunity to present this information. If you have any questions, or if Layne may be of any service, please do not hesitate to contact me.

Layne Christensen Company

A handwritten signature in black ink, reading "W M Balluff". The signature is written in a cursive style with a large, stylized "W" and "M" at the beginning.

William Balluff, P.E.  
Senior Account Manager

WORK ORDER



**Layne Christensen Company**  
 721 W. Illinois Avenue, Aurora, IL 60506; Phone (630) 897-6941  
 229 W. Indiana Ave., P.O. Box 489, Beecher, IL 60401; Phone (708) 946-2244

PROFESSIONAL SERVICES AGREEMENT  
 SCHEDULE B

Purchaser: CITY OF AURORA, IL

Job Location: WELL 29

**SERVICE RATES - EFFECTIVE OCTOBER 1, 2020**

	Straight Time		Overtime	Doubletime
	Per Hr.	8 Hr. Day	Per Hr.	Per Hr.
Serviceman w/hand tools	194.00	1552.00	291.00	388.00
Serviceman w/service truck and hand tools, or welder	223.00	1784.00	320.00	417.00
Helper	168.00	1344.00	252.00	336.00
Serviceman and 1 Helper	362.00	2896.00	543.00	724.00
<u>Small Rig or Winch Truck</u>				
1 Man Crew	243.00	1944.00	340.00	437.00
2 Man Crew	411.00	3288.00	592.00	773.00
3 Man Crew	579.00	4632.00	844.00	1109.00
<u>Middle Rig, Large Hoist or Flatbed Crane</u>				
1 Man Crew	259.00	2072.00	356.00	453.00
2 Man Crew	427.00	3416.00	608.00	789.00
3 Man Crew	595.00	4760.00	860.00	1125.00
<u>Big Rig, Large Hoist and Poles, or Large Crane</u>				
1 Man Crew	300.00	2400.00	397.00	494.00
2 Man Crew	468.00	3744.00	649.00	830.00
3 Man Crew	636.00	5088.00	901.00	1166.00
4 Man Crew	804.00	6432.00	1153.00	1502.00
Power Tong Usage, per 8 hour shift		470.00		
<u>Machine Shop/Yard Labor and Equipment</u>				
Machinist and Equipment	192.00	1536.00	278.50	365.00
12" Threading Machine and Operator	218.00	1744.00	304.50	391.00
Serviceman w/hand tools	173.00	1384.00	259.50	346.00
Helper	165.00	1320.00	247.50	330.00
Sandblast Equipment and 2 man crew	383.00	3064.00	552.00	721.00

Mileage: Auto: \$0.55      Pickup: \$0.70      1-Ton:\$1.00      2-1/2 Ton Flatbed: \$2.10      Semi-Tractor: \$2.75

Subsistence-Per Man

Over 55 miles radius from home office.....\$65.00 + Hotel

REMARKS:

SUBMITTED WITH PROPOSAL OF 11/03/2020

Work Authorized on Behalf of Purchaser By: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_