
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS
BRAD MERKEL, DEPUTY DIRECTOR OF PUBLIC WORKS
SUBJECT: RESOLUTION: ANNUAL PREVENTATIVE MAINTENANCE WELL TESTING
AGENDA: JANUARY 9, 2023 SPECIAL VILLAGE BOARD MEETING
DATE: DECEMBER 21, 2022

ISSUE

Should the Village Board Conduct Annual Preventative Maintenance Well Testing.

DISCUSSION

At the January 9, 2023 Special Board Meeting, the Village approved entering into a service agreement with Layne Christensen Company, Inc. for water system needs. As a component of this agreement the labor charges were discounted 5% for performing well maintenance, including Annual Well Testing services. Layne Christensen recommends performing Preventative Maintenance Well Testing annually.

The preventative maintenance testing consists of obtaining current static water level, gallons per minute output, pumping water level, drawdown, amperage, discharge pressure, etc. at each one of the seven Village Wells. Once all the data is collected a short analysis of current and previous data along with the data sheet and pump curve will be provided. This data will provide information on how the pumping assembly and the well are currently performing.

The estimated cost of this project is \$10,500.00.

COST

The cost for Annual Preventative Maintenance Well Testing is estimated to be \$10,500.00 based on a time and material basis. The FY2022-2023 Water Operations Budget, account number 50-60-6309: Other Professional Services has \$12,000 included for Annual Preventative Maintenance Well Testing.

RECOMMENDATION

The Village Board Approve **Resolution #20230109PW2** authorizing the Public Works Director to contract with Layne Christensen Company, Inc. to complete the Annual Preventative Maintenance Well Testing at a cost not to exceed \$10,500.00.



RESOLUTION NO. 20230109PW2

VILLAGE OF SUGAR GROVE, KANE COUNTY, ILLINOIS

**RESOLUTION AUTHORIZING EXECUTION OF AN AGREEMENT WITH LAYNE
CHRISTENSEN COMPANY, INC.**

WHEREAS, the Village of Sugar Grove Board of Trustees find that it is in the best interest of the Village to engage the services of Layne Christensen Company, Inc. to provide professional services to the Village of Sugar Grove, and to execute an agreement;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, as follows:

That it is in the best interests of the Village of Sugar Grove to enter into an agreement between Layne Christensen Company, Inc. and the Village of Sugar Grove for professional services Preventative Well Maintenance. The Director of Public Works is hereby authorized to execute said agreement on behalf of the Village and to take such further actions as are necessary to fulfill the terms of said agreement.

Passed by the President and Board of Trustees of the Village of Sugar Grove, Kane County, Illinois, at a regular meeting thereof held on the 9th day of January, 2023.

Jennifer Konen, President of the Board
of Trustees of the Village of Sugar Grove,
Kane County, Illinois

ATTEST: _____
Alison Murphy, Clerk
Village of Sugar Grove

	Aye	Nay	Absent	Abstain
Trustee Matthew Bonnie	_____	_____	_____	_____
Trustee Sean Herron	_____	_____	_____	_____
Trustee Heidi Lendi	_____	_____	_____	_____
Trustee Michael Schomas	_____	_____	_____	_____
Trustee Ryan Walter	_____	_____	_____	_____
Trustee James F. White	_____	_____	_____	_____
President Jennifer Konen	_____	_____	_____	_____



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

630/897-6941
graniteconstruction.com

December 16, 2022

Mr. Brad Merkel
Village of Sugar Grove
601 Heartland Drive
Sugar Grove, IL 60554

Re: 2023 Annual Preventative Maintenance Well Testing

Mr. Merkel:

It is Layne's pleasure to submit this proposal to perform annual Preventative Well Maintenance testing on the Village's wells. Layne will perform the work on a time and material basis per the Schedule B rates (attached) and the PSA discount. Based upon previous tests over the last four years, we estimate the work will require 32 hours for a Serviceman with Service Truck and 16 hours for a Helper to complete the tests. Including the PSA 5% labor discount, the estimated cost is \$10,500. Of course, the testing will be followed by a thorough report evaluating the wells and pumps with nine year maintenance template.

If you have any questions, or if we may be of any service, please do not hesitate to contact me.

Layne Christensen Company

A handwritten signature in black ink that reads "W M Balluff".

William Balluff, P.E.
WRD Account Manager III

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: VILLAGE OF SUGAR GROVE, IL

Job Location: 2023 ANNUAL PWM TESTING

SERVICE RATES - EFFECTIVE OCTOBER 1, 2022

	Straight Time		Overtime	Doubletime
	Per Hr.	8 Hr. Day	Per Hr.	Per Hr.
Serviceman w/hand tools	206.00	1648.00	309.00	412.00
Serviceman w/service truck and hand tools, or welder	246.00	1968.00	349.00	452.00
Helper	182.00	1456.00	273.00	364.00
Serviceman and 1 Helper	388.00	3104.00	582.00	776.00
<u>Small Rig or Winch Truck</u>				
1 Man Crew	257.00	2056.00	360.00	463.00
2 Man Crew	439.00	3512.00	633.00	827.00
3 Man Crew	621.00	4968.00	906.00	1191.00
<u>Middle Rig, Large Hoist or Flatbed Crane</u>				
1 Man Crew	274.00	2192.00	377.00	480.00
2 Man Crew	456.00	3648.00	650.00	844.00
3 Man Crew	638.00	5104.00	923.00	1208.00
<u>Big Rig, Large Hoist and Poles, or Large Crane</u>				
1 Man Crew	316.00	2528.00	419.00	522.00
2 Man Crew	498.00	3984.00	692.00	886.00
3 Man Crew	680.00	5440.00	965.00	1250.00
4 Man Crew	862.00	6896.00	1238.00	1614.00
Power Tong Usage, per 8 hour shift		470.00		
<u>Machine Shop/Yard Labor and Equipment</u>				
Machinist and Equipment	197.00	1576.00	286.00	375.00
12" Threading Machine and Operator	223.00	1784.00	312.00	401.00
Serviceman w/hand tools	178.00	1424.00	267.00	356.00
Helper	172.00	1376.00	258.00	344.00
Sandblast Equipment and 2 man crew	395.00	3160.00	570.00	745.00

Mileage: Auto: \$0.65 Pickup: \$0.90 1-Ton: \$1.35 2-1/2 Ton Flatbed: \$2.50 Semi-Tractor: \$4.00

Subsistence-Per Man

Over 55 miles radius from home office.....\$68.00 + Hotel

REMARKS:

SUBMITTED WITH PWM PROPOSAL OF 12/16/2022

Work Authorized on Behalf of Purchaser By: _____

Date: _____

Title: _____