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## **PUBLIC WORKS**

411 N Prospect Ave  
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## **MEMORANDUM**

To: Carie Anne Ergo, Village Administrator

From: Ross Hitchcock, Director of Public Works

Date: February 7, 2019

Subject: Multi-Year Maintenance Proposal for the Trojan UV 3000 Disinfection System

### **Introduction**

The UV disinfection system at the WWTP needs to be installed and removed twice a year. Piedmont Technical Services is an authorized service provider for our system and has been providing this maintenance yearly since the plant went on line. We have requested a multi-year maintenance contract from Piedmont Technical Services with two optional years 2020 and 2021.

### **Discussion**

The UV disinfection system is a complicated and sensitive system that needs to be handled correctly to insure proper disinfection operations through the warm weather months. The Maintenance proposal will insure the proper removal, installation, and storage of the UV light banks, electronic, and computer components.

2019	\$8,400.00
2020	\$8,820.00
2021	\$9,261.00

### **Staff Recommendation**

I recommend this item be forwarded to the Committee of the Whole meeting on February 19, 2019 for consideration and approval.

### **After Action Steps**

### **Attachments**

Proposal from Piedmont Technical Services.  
Resolution



**Piedmont Technical Services**

Post Office Box 608  
Hillsborough, North Carolina 27278

**Proposal**

**Date:** 1/31/2019

**Submitted To:** Jeff Kindermann  
Village of Itasca WWTP  
421 North Prospect Ave.  
Itasca, Illinois 60143

**Reference:** One Year Service Contract, with Two Automatic Renewal Years\*\*

Village of Itasca WWTP – Trojan UV3000+

Recognizing the importance of keeping your system operating most efficiently we recommend and offer two service visits per year at 6-month intervals for a period of three years. At each service visit qualified technicians will:

This Scope of Work shall include:

- Verify all system components are properly adjusted and installed
- Verify integrity of electrical connections
- Verify all external devices are properly connected to the System Control Center
- Confirm analog input information at the System Control Center
- Verify communication to each module
- Confirm all system settings and configuration data
- Test and validate dose pacing logic. System is introduced with a simulated flow and UVT conditions to ensure correct reaction to parameter changes.
- Verify sensor operation
- Test and validate alarm indications
- Test and validate full control of system components
- Provide refresher Operation and Maintenance Training for operators by demonstration while performing this maintenance
- Verify integrity of waterproof seals
- Test and validate pressure relief valves on hydraulic system if applicable

- Check hydraulic system pressures and fluid levels if applicable
- Verify cleaning system operation where applicable
- Replace acti-gel in all wiper collars
- Provide a report of all findings, corrective actions and recommendations for each service visit.

**Annual service contract price 2019 for two service visits: \$8,400.00  
(\$4,200.00 each visit)**

**\*\*PTS offers two additional option years that will renew automatically unless the Village of Itasca delivers in writing a request to cancel the contract at least thirty (30) days prior to April 1<sup>st</sup> of the following year**

**Annual service contract price 2020 for two service visits: \$8,820.00  
(\$4,410.00 each visit)**

**Annual service contract price 2021 for two service visits: \$9,261.00  
(\$4,630.50 each visit)**

**Service frequency can be increased at the same yearly rate if desired**

**Based on your system being seasonal disinfection, you will have start up in the spring (pre-season) and shut down in the fall (post season).**

**SUPPLY and DISPOSAL of all materials such as lubricants, acti-gel, oils, fluids, lamps, ballasts, etc. is the responsibility of the customer and must be available at the scheduled time of the service visit.**

**Any additional work or service calls that may be required between service contract visits will be invoiced at a rate of \$180.00 per hour per technician, plus expenses to include: flights, car rental, gas, motel, and per diem or as otherwise agreed upon.**

**Each service will be independently invoiced.**

**This offer shall remain in effect for 30 days.**

**We thank you in advance for the opportunity to serve you**

**Respectfully Submitted,**

**Sherri Bos  
Piedmont Technical Services**

**RESOLUTION NO. 1100-19**

**A RESOLUTION ACCEPTING A PROPOSAL FROM PIEDMONT TECHNICAL SERVICES FOR A ONE YEAR SERVICE CONTRACT (WITH TWO AUTOMATIC RENEWAL YEARS) FOR MAINTENANCE SERVICES AT THE WASTE WATER TREATMENT PLANT OF THE TROJAN UV 3000 PLUS SYSTEM**

WHEREAS, the Village of Itasca operates a Waste Water Treatment Plant that generates effluent that must be treated by a seasonal UV system as mandated by the Village's IEPA permit for operation of the Waste Water Treatment Plant; and,

WHEREAS, Piedmont Technical Services provides specialized maintenance services for the Village's Trojan UV System; and,

WHEREAS, the Village wishes to accept the proposed maintenance agreement from Piedmont Technical Services for the 2019 UV treatment season and renewal terms for the 2020 and 2021 seasons (*see* Exhibit A).

NOW, THEREFORE, BE IT RESOLVED by the Village President and the Board of Trustees of the Village of Itasca, DuPage County, Illinois, as follows:

SECTION ONE: The corporate authorities of the Village of Itasca hereby approve and accept Exhibit A, the Piedmont Technical Services proposal for maintenance services for the Waste Water Treatment Plant Trojan UV 3000 Plus system.

SECTION TWO: The Village Administrator, or her designee, is hereby authorized to engage Piedmont Technical Services and sign all necessary documents for engaging Piedmont Technical Services pursuant to Exhibit A.

SECTION THREE: SEVERABILITY. If any section, paragraph, or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph, or provision shall not affect any of the remaining provisions of this Resolution.

SECTION FOUR: REPEAL OF PRIOR RESOLUTIONS. All prior Resolutions and Ordinances in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

SECTION FIVE: EFFECTIVE DATE. This Resolution shall be in effect immediately following its passage, approval, and publication in pamphlet form.

AYES: \_\_\_\_\_

NAYES: \_\_\_\_\_

ABSENT: \_\_\_\_\_

ABSTAIN: \_\_\_\_\_

APPROVED and ADOPTED by the Village President and Board of Trustees of the Village of Itasca this \_\_\_\_ day of March, 2019.

APPROVED:

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Village President Jeffery J. Pruyn

ATTEST:

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Village Clerk Jody Conidi