

CITY OF YUBA CITY
STAFF REPORT

Date: November 7, 2017
To: Honorable Mayor & Members of the City Council
From: Public Works Department
Presentation by: Diana Langley, Public Works Director

Summary

Subject: Wastewater Treatment Facility Maintenance Support

Recommendation:

- A. Authorize an Agreement for Professional Services with Aquality Water Management in the amount of \$75,000, with the finding that it is in the best interest of the City.
- B. Authorize the Finance Director to transfer funds from the Wastewater Operating Fund Salary & Wages Account No. 8120-61210 in the amount \$125,000 to Wastewater Professional Services Account No. 8120-62701.

Fiscal Impact: \$125,000 – Account No. 8120-62701 (Wastewater Professional Services)

Purpose:

To continue critical maintenance support for the Wastewater Treatment Facility and 17 lift stations within the WWTF Maintenance Division.

Background:

The City's Wastewater Treatment Facility (WWTF) consists of highly complex process equipment that operates 24 hours a day, 7 days a week. To avoid or mitigate equipment failure, the equipment requires constant inspection, servicing, repairs, and troubleshooting. Unfortunately, the WWTF Maintenance Division has experienced difficulties filling vacant mechanic positions for some time. In response, staff brought an agreement with Aquality Water Management (Aquality) to Council on February 21, 2017 to help us catch up on the deferred maintenance. In addition to providing this essential service, Aquality has been a great training resource for our new maintenance staff.

In the Fiscal Year 17/18 Citywide purchasing Council item on June 20, 2017, the WWTF requested an estimated \$75,000 for Aquality to continue providing support and training for our staff. Due to unforeseen circumstances, the WWTF had to use \$125,000 from Wastewater Professional Services Account No. 8120-62701 to fund the lift station SCADA communication project conducted by Arc Sine Engineering. As a result, the Professional Services Account is depleted.

Public Works was only recently able to fill two of the three vacant positions, one Plant Maintenance Mechanic and one Plant Maintenance Worker; however, the Senior Mechanic position remains vacant. These vacancies have created a backlog in deferred maintenance and

the WWTF is at risk of equipment failures that could affect treatment processes, which could result in NPDES discharge permit violations or sanitary system overflows.

Analysis:

Aquality Water Management's staff has a tremendous amount of experience and competency in water and wastewater treatment plant maintenance that is unmatched by any other consultant. The negotiated standard labor rates for the proposed services by Aquality Water Management are within the range of industry standards (See Attachment 1).

Fiscal Impact:

In order to replenish the Professional Services Account originally budgeted for the contract with Aquality, staff is requesting that funds be transferred from the Wastewater Salary & Wages Account in the amount of \$125,000. Funding is available to cover the cost of utilizing the consultant service with the savings associated with the vacant positions.

Alternatives:

Reduce the contract amount or do not award the professional services agreement to the recommended consultant and direct Public Works to address maintenance needs with interdepartmental resources. This may result in inadequate coverage that would risk disciplinary actions, including fines, due to system failures.

Recommendation:

- A. Authorize an Agreement for Professional Services with Aquality Water Management in the amount of \$75,000, with the finding that it is in the best interest of the City.

- B. Authorize the Finance Director to transfer funds from the Wastewater Operating Fund Salary & Wages Account No. 8120-61210 in the amount \$125,000 to Wastewater Professional Services Account No. 8120-62701.

Attachments:

- 1. Aquality Proposal for Temporary Maintenance Services

Prepared by:

/s/ Michael Finnigan
Michael Finnigan
Wastewater Treatment Facility Supervisor

Submitted by:

/s/ Steven C. Kroeger
Steven C. Kroeger
City Manager

Reviewed by:

Department Head

DL

Finance

SM

City Attorney

TH by email

ATTACHMENT 1

Aquality Proposal for Temporary Maintenance Services

October 13 2017

Mr. Mike Finnigan
City of Yuba City
302 Burns Dr.
Yuba City, CA 95991

RE: Proposal for Temporary Maintenance Services

Gentlemen,

Aquality Water Management, Inc. (Aquality) is pleased to submit this proposal to provide a Maintenance Specialist for the Yuba City (City) Wastewater Treatment Plant(WWTP).

SCOPE OF WORK

Aquality will work alongside the existing Plant Maintenance Personnel and will provide staffing to assist in maintenance of the Waste Water Treatment Plant:

- Preventative Maintenance
- Corrective Maintenance

SCHEDULE FOR WORK

The schedule of the work is to be determined.

EXCLUSIONS

The following items are excluded from the services offered:

- On-Call O&M services beyond the agreed schedule
- Activities not included in this proposal
- Confined Space Entry by AWM personnel

WORK PROGRAM

The Aquality Specialist will perform the work over the period to be determined. He will report to the facility from Monday through Friday or as agreed to by AWM and City of Yuba City. The Aquality specialist will work under the direct supervision of the facilities Plant Maintenance Supervisor.



FEE FOR PROFESSIONAL SERVICES

Aquality proposes to provide the described services and direct expenses incurred for the rates shown below. Time billed to the project will include travel time to and from the site as well as lodging costs, when applicable to reduce travel costs. Travel and lodging costs will be invoiced as a separate cost item. Travel costs will be billed according to the current federal standard mileage rates.

Regular Time

Maintenance Manager: \$109.00 per/hour

Premium Time

Maintenance Manager: \$127.50

Confined space entry (performed by others): \$195.00 per/hour

Materials and outside specialists will be billed at cost plus 10%.
Expenses will be billed at cost plus 10% to include lodging and meals.
Mileage is billed at the IRS allowable rate.

Once again AWM is pleased to have the opportunity to provide this proposal and looks forward to discussing it with you. If you have questions regarding this proposal, please contact me at (602) 327-1095.

Sincerely,

Aquality Water Management

Jim Horton
Maintenance Manager
(602) 327-1095