



# Town of Johnstown

## TOWN COUNCIL AGENDA COMMUNICATIONS

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**AGENDA DATE:** December 13, 2021

**SUBJECT:** Low Point Wastewater Treatment Plant Expansion

**ACTION PROPOSED:** Award Construction Administrations Services for the Low Point Wastewater Treatment Plant Expansion

**ATTACHMENTS:**

1. Fee Schedule
2. Exhibit K Contract Amendment

**PRESENTED BY:** Ellen Hilbig, Utilities Director

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### AGENDA ITEM DESCRIPTION:

Enclosed for your review and consideration is a request to award construction administrative services for the Low Point Wastewater Treatment Plant Expansion project to AQUA Engineering Consultants, LLC for the amount of \$1,223,367.00. These construction administrative services include additional design services, construction engineering services, and SCADA integration.

The additional design services were amendments to the scope of work for the original Low Point Point Wastewater Treatment Plant Expansion design contract and covered 5 areas: expanded Comprehensive Performance Evaluation (CPE) requirements, Northern Front Range Water Quality Planning Association (NFRWQPA) utility plan update, advanced equipment procurement, additional Construction Manager at Risk (CMaR) coordination, and unanticipated Colorado Department of Public Health and Environment (CDPHE) permitting requirements. The scope of services and table included with the attached Contract go into detail on each of these items. The Town discussed the additional services in depth with the AQUA Engineering and is moving forward with two action items; 1) Documenting future additional services with a formalize Change Order process and 2) scheduling a meeting on the scope for the Central Wastewater Treatment Plant design to evaluate additional service needs, if any based on Low Point.

As part of standard wastewater treatment plant construction, AQUA Engineering is required to provide construction engineering services which consists of 3 scope items; Quality Assurance/ Quality Control, Construction Administration, and Resident Project Representative. AQUA Engineering is required to stamp the as-built plans in order for the Town to receive the CDPHE construction completion certification for the new plant and this requires extensive oversight and involvement in construction to have the necessary level of confidence to stamp final plans. This construction completion certificate is part of the critical milestones identified in the Town's Cease and Desist Order with the CDPHE.

The last item included is the SCADA programming for the Low Point Expansion project. SCADA is a control system that is designed to collect, analyze, and visualize data from the equipment and processes to assist in the day-to-day operations of the facility. This item was relocated from the construction contract due to AQUA's business relationship with the project SCADA integrator, SKM, as well as the context of the services identified falling better into a professional services contract vs construction contract.

*The Community That Cares*

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Total Project Expenses to Date:

Aqua Engineering Design (4-6-20)	\$600,084.00
Moltz CMAr Services (5-17-21)	\$49,560.00
Moltz Construction GMP	\$23,336,546.00
Town Equipment Contract Fees	\$239,362.00
<u>Aqua Engineering CM Services</u>	<u>1,223,367.00</u>
<b>Total</b>	<b>\$25,448,919.00</b>

The total project cost for the Low Point Wastewater Treatment Plant Expansion project to date is \$25,448,919.00. The Town budgeted \$8 million in 2021 for project design and construction services, and budgeted \$20 million including rollover from 2021 to cover project expenses in 2022 and will be required to address additional project funding to complete construction in the 2023 budget.

**LEGAL ADVICE:**

The contract amendment, Exhibit K, has been reviewed by the Town's Attorney.

**FINANCIAL ADVICE:**

The Town budgeted \$8 million in 2021 for project design and construction services, and budgeted \$20 million including rollover from 2021 to cover project expenses in 2022 and will be required to address additional project funding to complete construction in the 2023 budget.

**RECOMMENDED ACTION:**

Town Staff recommends the award of the construction administrative services for the Low Point Wastewater Treatment Plant Expansion to AQUA Engineering, Inc. in an amount not to exceed \$1,223,367.00.

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**SUGGESTED MOTIONS:**

**For Approval**

I move to award of the construction administrative services for the Low Point Wastewater Treatment Plant Expansion to AQUA Engineering Consultants, LLC in an amount not to exceed \$1,223,367.00.

**For Denial**

I move to deny the award of construction administrative services to AQUA Engineering Consultants, LLC, for the Low Point Wastewater Treatment Plant Expansion project and direct Staff to schedule a work session to further discuss options.

*Reviewed and Approved for Presentation,*



Town Manager