



Town of Johnstown

TOWN COUNCIL AGENDA COMMUNICATIONS

AGENDA DATE: March 20, 2023

SUBJECT: WTP North Ground Storage Tank Emergency Repair

ACTION PROPOSED: Consider Awarding the Contract for an emergency repair of the North Ground Storage Tank at the Water Treatment Plant to Tanco Engineering, Inc.

ATTACHMENTS:

1. Tanco Engineering Quote
2. Maguire Iron Quote & Schedule Commitment
3. Pittsburg Tank & Tower – No Bid Email
4. Advance Tank – No Bid Email
5. Tank Inspection

PRESENTED BY: Ellen Hilbig, Utilities Director

AGENDA ITEM DESCRIPTION:

Enclosed for your review and consideration is a request to award the Contract for an emergency repair of the North Ground Storage Tank at the Water Treatment Plant to Tanco Engineering, Inc. in the amount of \$355,000.

In the winter season of 2020/2021, the Town had turbidity (coloration) issues with the Ground Storage Tanks at the Water Treatment Plant (WTP). Both the North and South Tank were inspected at that time and based on the evaluation, the South Tank was determined to be causing the majority of the issues due to its deteriorated condition. An emergency repair was taken to Council for a full roof replacement and recoating. The Town budgeted funds in 2022 to repair the North Ground Storage Tank however at that stage in the design of the Water Treatment Plant it was not clear if the Ground Storage Tanks would remain as part of the treatment process. Staff forewent costly repairs until a final decision was made and was hopeful if it was necessary, the repairs could be done at the same time as the WTP improvements.

In January of this year, the Town received calls from residents on turbidity (coloration) issues occurring out in the water distribution system. Staff identified the cause of the turbidity by isolating the North Ground Storage Tank from the treatment process at the Water Treatment Plant and seeing the levels immediately drop. Bringing the North Storage Tank back online is critical for plant operations as it functions as the chlorine contact time treatment step and the volume in the tank is required to treat summertime flows. The Water Treatment Plant design has also identified the Ground Storage Tanks as critical infrastructure to the design and repairs would have been required as part of the new plant.

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The Town had visual inspections and an in depth condition assessment performed on the north tank including x-rays of the unit to understand the viability of making the necessary repairs. Overall, the North Tank is in decent condition considering it was built in 1966 with only a few roof welds requiring replacement, spot welding of the interior metal and a complete recoating to protect against coloration issues. With this information Staff solicited three bids from the following Contractors capable of performing the repair work necessary.

Contractor	Cost	Start Date
Tanco Engineering	\$355,000	March 27 th , 2023
Maguire Iron, Inv	\$370,250	Fall 2023
Pittsburg Tank & Tower	Unable to Bid	90 days: Fall 2023 due to Operations
Advanced Tank	Unable to Bid	

Tanco Engineering, Inc provided the lowest bid at \$355,000 which includes \$11,000 for lead paint mitigation if required and the best construction start schedule that allows for the tank work to be completed ahead of the high use summer season. Staff is requesting Council award the emergency repair Contract to Tanco Engineering, Inc and is recommending the authorization of the Town Manager to approve the use of an additional contingency fund of up to \$40K for unforeseen construction expenses encountered based on the experiences of the South Ground Storage Tank repair.

This project was not budgeted for in 2023 and is planned to be paid for by utilizing the \$550K budgeted for the 24” Raw Water Trunk Line Repair. Funding is currently available when evaluating the Water CIP Fund however there may be a need for a budget amendment based on the progression of the 2023 fiscal year.

LEGAL ADVICE:

The Town’s Standard Small Vendor Agreement was used for this Project.

FINANCIAL ADVICE:

This project was not budgeted for in 2023 and is planned to be paid for by utilizing the \$550K budgeted for the 24” Raw Water Trunk Line Repair. Funding is currently available when evaluating the Water CIP Fund however there may be a need for a budget amendment based on the progression of the 2023 fiscal year.

RECOMMENDED ACTION: Town Staff recommends awarding the Contract for the emergency repair of the North Ground Storage Tank at the Water Treatment Plant to Tanco

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Engineering, Inc in the amount of \$355,000 and authorize the Town Manager to approve the use of an additional contingency fund not to exceed \$40K for unforeseen construction expenses.

SUGGESTED MOTIONS:

For Approval

I move to award the Contract for the emergency repair of the North Ground Storage Tank at the Water Treatment Plant to Tanco Engineering, Inc in the amount of \$355,000 and authorize the Town Manager to approve the use of an additional contingency fund not to exceed \$40K for unforeseen construction expenses.

For Denial

I move to deny the award of the Contract and solicit more bids for the project.

Reviewed and Approved for Presentation,



Town Manager