



Town of Johnstown

TOWN COUNCIL AGENDA COMMUNICATIONS

AGENDA DATE: April 3, 2023

SUBJECT: Agreement to perform an emergency repair on the WTP North Ground Storage Tank Emergency Repair with Tanco Engineering, Inc.

ATTACHMENTS:

1. Professional Services Agreement
2. Tanco Engineering Quote
3. Maguire Iron Quote & Schedule Commitment
4. Pittsburg Tank & Tower Quote
5. Advance Tank – No Bid Email
6. Tank Inspections

PRESENTED BY: Ellen Hilbig, Utilities Director

AGENDA ITEM DESCRIPTION:

This repair has been classified as an emergency purchase in compliance with the adopted Town of Johnstown Comprehensive Financial Management Policies - Town Purchasing Policies in Section 11 *Emergency Purchases*. The section permits the Town Manager to authorized purchases in certain circumstances including but not limited to *emergencies where health, safety or welfare of the community is at risk....* In this specific instance, the risk is the need to have the GST operational before the summer season when heavy consumption of water from our treatment plant. The two week delay between the initially planned consideration of this item and executing this contract to begin could be significant based on when the project is completed and increase water demand occurs. The additional compliance of an emergency purchase requires notification of Town Council by the Town Manager which is hereby provided.

Enclosed for your review and consideration is an agreement to perform an emergency repair of the North Ground Storage Tank (GST) at the Water Treatment Plant between the Town of Johnstown and Tanco Engineering, Inc. in the amount of \$344,000.

In the winter season of 2020/2021, the Town had turbidity (coloration) issues with the Ground Storage Tanks at the Water Treatment Plant. Both the North and South Tank were evaluated at that time and the South Tank was determined to be causing 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 then budgeted funds in 2022 to repair the North GST 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, so Staff forewent costly repairs until a final decision was made.

In January of this year, the Town received calls from residents on turbidity (coloration) issues occurring 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 saw the levels immediately drop. Bringing the North GST 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

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Plant currently in design, has also identified the Ground Storage Tanks as critical infrastructure and repairs would have been required as part of the new plant.

The Town had a visual inspection and an in-depth condition assessment performed on the north tank including x-rays of the unit to understand the extent of repairs required. Overall, the North Tank is in decent condition considering it was built in 1966 and required the replacement of a few roof welds, 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
Pittsburg Tank & Tower	\$325,325	90 days: Fall 2023 due to operations at the water plant
Tanco Engineering	\$344,000	ASAP 2023
Maguire Iron, Inv	\$370,250	Fall 2023
Advanced Tank	Unable to Bid	

Town Staff selected Tanco Engineering, Inc to enter into an agreement for the emergency repairs for the North GST at the Water Treatment Plant as they provided the second lowest bid at \$344,000 and the best construction start schedule that allows for the tank work to be completed ahead of the high use summer season.

LEGAL ADVICE:

The Town's approved Standard Professional Services Agreement is being 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 between the Home Supply Ditch and the Johnstown Lake.

RECOMMENDED ACTION:

Approve the Agreement for the emergency repair of the North GST at the Water Treatment Plant with Tanco Engineering, Inc in the amount of \$344,000.

Reviewed and Approved for Presentation,



Town Manager

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