



AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE: July 5, 2023
PREPARED BY: Matthew Woodard, Director
DEPARTMENT: Public Works

AGENDA ITEM DESCRIPTION:

Consideration, discussion, and possible action on emergency replacement and restoration of the old Galvanized Storage Tanks.

BACKGROUND/SUMMARY:

The City of Manor has three Galvanized Storage Tanks that store water from our wells and transports drinking water to the city. The first tank is our Clearwell Tank which stores water by our wells. The second tank is the Intermediate Tank, and it is in between the wells and the city. The Third tank is our Yard Tank that is in the city. All three tanks are galvanized tanks, and they typically have a life expectancy of 15 years. I was informed our tanks are around 17-19 plus years old.

The Clearwell Tank and the Intermediate Tank need an emergency replacement. They are well beyond their life expectancy, and they are in very bad condition. We have experienced 21 leaks on the Clearwell Tank and 17 on the Intermediate Tank. The Yard Tank needs maintenance and needs rehabbing. A CIM rubberized coating will extend the life of the Yard Tank approx. 5 years.

This approval will secure a time for a tank company to organize and build the tanks hopefully by the end of this year. Pittsburg Tank & Tower group could begin foundation construction for the new Clearwell Tank 4 to 6 weeks after receipt of approved foundation drawings and then 8 weeks to complete the foundation, tank erection, and field coatings. This emergency replacement and rehabbing will help ensure we have water storage from the city wells.

Staff recommends from the Pittsburg Tank & Tower Group Scope of Work Proposal:

- a) One new storage tank by the Clearwell Tank that is 35'6" x 24' (165,000 gallons) Welded Carbon Steel Storage Tank at \$283,650.00 and one new tank foundation at 66,950.00 = \$350,600.00
- b) One replacement tank for the existing Clearwell tank at \$283,650.00
- c) One new tank to replace the existing Intermediate tank 34' x 24' Welded steel tank at \$269,875.00

Staff recommends from the Pittsburg Group Maintenance Proposal:

- a) One rehabbing of the Yard tank for with the CIM rubberized coatings \$97,538.00

LEGAL REVIEW: No

FISCAL IMPACT: Yes

PRESENTATION: No

ATTACHMENTS: Yes

- Pittsburg Tank & Tower Group Scope of Work Proposal
- Pittsburg Tank & Tower Group Maintenance Proposal for three tanks
- Inspections Reports
- Images

STAFF RECOMMENDATION:

It is the City staff's recommendation that the City Council approve the emergency replacement and restoration of the old Galvanized Ground Storage Tanks as presented.

PLANNING & ZONING COMMISSION:

Recommend Approval

Disapproval

None
