

WATER TOWER EXPERTS



info@maguireiron.com



1610 N. Minnesota
Sioux Falls, SD 57105



(605) 334-9749

February 6, 2023

Town of Johnstown Colorado
450 S. Parish Avenue
PO BOX 609
Johnstown, CO 80455

Ms. Ellen Hilbig – Utilities Director
Mr. Maurice Pribble – W/WW Assistant Superintendent:

It is our pleasure to offer the below pricing for the tank renovations of the North 750MG ground storage water reservoir.

The below pricing includes the full renovation of the tank interior, exterior touch ups where modifications are made, full exterior roof as per notes below.

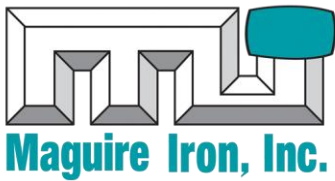
Interior epoxy coating will be NSF-600 compliant, and will be applied per the manufacturer's specifications. A sacrificial zinc primer will be applied to extend the lifecycle of the interior coating system.

Pricing: **750,000 Ground Storage Reservoir 50' D x 52' H**

- To include Tank Interior & portion of the Exterior as noted.

\$335,750.00

- Interior & Exterior see notes to follow
- Maguire Iron will remove existing roof manway 24" and install new 30" manway
- Maguire Iron will install new 24" pressure manway with davit arm opposing existing
- Maguire Iron will fabricate and install 6' of handrail 42" high either side of the ladder
 - Bringing into OSHA compliance and allow for repositioning of current controls
 - ***Current controls mounted directly in the middle of the ladder, safety hazard**
- Maguire Iron will provide new roof supports to replace existing corroded
 - Roof to be blasted prior to installing new supports between old existing ones.
 - Old support material remaining will be cut away, surface area of old supports ground and prepped, blasted for proper profile of new interior coating application.
- Entire roof exterior shall be recoated and two feet down from top of sidewall once all repairs and modifications are made.



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- **Wet Disinfection method**

Upon completion Maguire Iron will disinfect the interior of the tank as per AWWA Standard C652-02, Chlorine Method #3 prior to the owner filling the tank. • Water samples and testing is the responsibility of the owner.

INTERIOR

- Contractor will abrasive blast clean the complete interior (100%) to an SSPC - SP No. 10 "Near White Metal". After abrasive blast cleaning, all surfaces shall be cleaned of any dust residue or foreign debris.
- Contractor will apply one (1) prime coat of NSF-61 approved zinc rich primer to the complete interior (100%) shall be applied to manufacturer's recommended film thickness (2.5 - 3.5 mils DFT).
- Contractor will apply one (1) additional coat of NSF-61 approved epoxy to be applied by brush and roller to all edges, weld seams and sharp angles.
- Contractor will apply one (1) finish coat of NSF-61 approved epoxy to the complete interior (100%) shall be applied to the manufacturer's recommendations (8.0 - 14.0 mils DFT).

EXTERIOR

- Contractor will pressure wash the exterior roof (100%) in accordance with SSPC SP No. 12 "Waterjetting."
- Contractor will SSPC SP No. 2 / 3 Hand tool clean / Power tool clean all rusted areas.
- Contractor will apply one (1) full prime coat of epoxy to the complete exterior (100%) shall be applied to manufacturer's recommended film thickness (2.0 - 4.0 mils DFT).
- Contractor will apply one (1) finish coat of polyurethane to the complete exterior (100%) shall be applied to the manufacturer's recommendations (2.5 - 4.0 mils DFT). * **To include top two feet of tank sidewall.**

We can provide financing options for the town's review to help with budgeting the project.

Thank you for the opportunity, and please do not hesitate to contact me with questions or if we can assist with financing the project.

Best regards,

Chuck Graber
Colorado Field Representative, Maguire Iron, Inc.
970-744-9639 graberc@maguireiron.com

From: Chuck Graber <graberc@maguireiron.com>
Sent: Friday, March 3, 2023 10:50 AM
To: Ellen Hilbig
Cc: Maurice Pribble
Subject: Chuck - Maguire Iron update

Good morning Ellen,

After careful consideration the Operations Team would rather look at Fall of this year to do the renovations needed on the north tank if limping along through one more summer would be a consideration. From observations, pictures taken we can assume there wouldn't be any issues with the renovation. However, once abrasive blasting would start to take place there is always the possibility of exposing hidden issues resulting in unforeseen, unknown repairs and leading to completion delays. Not to mention delays that could result in critical water supply shortage to the Town, nothing either of us would want to end up happening.

With a Fall renovation schedule, should we run into unforeseen issues we would at least have declining demand and time to address and resolve any possible issues that might arise. Maurice had mentioned turbidity as a concern, perhaps with a good washing down of the interior prior to putting the tank on line would lessen this issue and allow for making it through this summer. If I recall, approximately 5,000,000 gallons a day passes through the tank, if this is the case the busted up mixer probably isn't necessary and could be left as is or removed.

We are still good with our initial thoughts on pricing which we could put into a formal proposal and below based on your preferences.

In addition to our price the following:

- Replace existing static mixing system - \$21,000.00 (would be reuse of existing duckbills and some hardware depending on its condition)
- Install new dynamic mixer in lieu - \$25,000.00 (furnish and install, run power and conduit within 4-5' of grade for hook up by others)
- Blastox – lead abatement additive - \$ 5,000.00 (if deemed needed – results pending)
- Pit welding / plating (floor) - \$ 4,500.00 (based on observations last site visit when all ice had been cleared from floor, *in addition to our price)

*I have communicated with Tyson at the State of Colorado regarding any necessary submissions or approvals for the renovation. Tyson has indicated he didn't think so, this is somewhat of a gray area and was going to run it by his team for a determination. From what I was able to glean from the State website I would have to think nothing is necessary.

I am available to meet again at your convenience to go over any of the above and any other question or clarifications you might have at this time.

Best regards, Chuck 970-744-9639



CHUCK GRABER

WATER TOWER EXPERT

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SINCE **1915**



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