

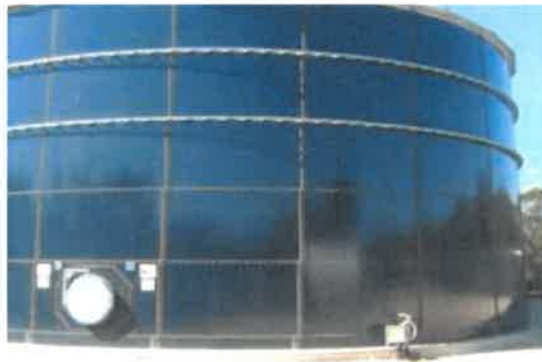


Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
DATE: September 21, 2017
SUBJECT: Sanitary Sewer Treatment Plant (STP) #2
Liquid Sludge Tank Repairs

EXECUTIVE SUMMARY:

Sewer Treatment Plant (STP) #2 uses an Aquastore storage tank to storage liquid sludge while drying and/or pressing operations process it into a desiccated material for disposal.



This tank was recently drawn down and cleaned to allow for inspection of the tank and periodic replacement of sacrificial anodes to maintain cathodic protection. The inspection was again performed by Cady Inc. of Tampico, IL (the regional OEM Aquastore rep) with requested emphasis on the review of the glass lining by staff. They identified and submitted pricing for correction of the following items:

- Repair of ice damage to the interior sidewall sheets by cleaning and applying sealant.
- Replacement of one zinc anode
- Repair of the exterior top platform (ladder) connections with bearing plates to alleviate concentrated loading contributing to sheeting

Cady Inc proposed this effort at \$9,532 with scheduled availability in mid-November. By follow up communications on 9-20-17, they indicated they would be able to discount remobilization if they could undertake repairs next week.

As such, it is recommended to contract with Cady Inc. for a not to exceed amount of **\$8,691** (\$9,532, less remobilization discount of \$841) for repairs to the sludge storage tank.

cc: File

From: Brian Rittenhouse <brittenhouse@ci.washington.il.us>
Date: Thu Sep 21 2017 08:37:19 GMT-0500 (Central Daylight Time)
To: Kevin Schone <kschone@ci.washington.il.us>
Cc: Ed Andrews <eandrews@ci.washington.il.us>
Subject: FW: Tank Repair

Here is the quote for the tank repair.
I would like to get the smaller repair done.
If we can act fast it could be done next week and for \$840 less.
If we can't get it done next week. It may be the end of November before we can get it repaired.
Worst case we may need to go to the tank beginning of November.
We would not be able to do the repairs and have to take the Tank down again next year. Lots of Labor and Time

Let me know if there is anything you need.

They want to know by tomorrow.

Thanks,

Brian Rittenhouse
Wastewater Treatment Supervisor
City of Washington
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brittenhouse@ci.washington.il.us

From: Stephanie Wetzell [<mailto:stephaniew@cadyinc.com>]
Sent: Wednesday, September 20, 2017 12:51 PM
To: Brian Rittenhouse
Cc: Dave Hemauer
Subject: Tank Repair

Hi Brian. My apologies for the delay in providing this quotation for your review. We've been without a computer system for almost a week now, and finally getting things restored.

The attached quotation shows two options of repair. The re-tillet would be slightly less in price if you were to along with the tank repairs, simply due to the fact that I already have scaffold and lift figured in. Not sure if you are able to turn around a decision quickly, but I do happen to have a break in scheduling next week. If the city would be willing to address the repair, I'd offer to reduce the price to \$8,691.00. Otherwise construction lead times are into the end of November.

Dave has also provided the attached brochure for ideas on the safety gate.

Please let me know if you have any questions or if I may be of further assistance. Thank you for the opportunity to provide this quotation, and I do appreciate your patience.

Stephanie Wetzell
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