



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
DATE: August 2, 2019
SUBJECT: Water Tower #1 Painting Contract
Award Consideration

Painting of Water Tower #1 is a planned expenditure in the currently Fiscal Year at an amount of \$500,000 with \$250,000 in funding from the Water Tower Reserve fund (cellular lease payments) and the \$250,000 balance from the Water fund. Bid documents supporting this contract were prepared inhouse and issued for bid by legal notice in the Peoria Journal Star published on July 12th and 17th with an opening date of July 31st, 2019 meeting the requirements of 715 ILCS 5/2.1.

Work under this contract includes a base bid of Tank Painting, Complete for both the interior and exterior of the tank using an SP10 sand blasted paint preparation and multiple paint coats (prime, intermediate and finish coats, as well as seam seal and stripe coats) for a total interior painted surface of 23 mils and an exterior of 11.5 mils. Additional work items were bid as optional alternatives, such as Two-Tone Paint to help mask staining of the lower portion of the bowl, etc.

During the bidding process a total of eight potential bidders were plan holders with three firms ultimately submitting bids. One addendum was issued, mainly addressing concerns with tarping operations and proximity to 911 Drive along with how best to approach lead paint on the exterior of the tank should there still be any / enough residual from its original 1960 coating. The base bids of the three bidders are below, with full details attached:

Seven Brothers Painting, Inc.	\$548,000
Classic Protective Coatings	\$783,365
Maguire Iron	\$788,000

While Maguire Iron offered a \$125,000 deduct if the work could be delayed until Spring of 2020, their bid price would still be in excess of Seven Brothers Painting. A follow up conversation with the estimator at Seven Brothers found them amenable to approaching Alternates A2 thru A5 under a time and materials arrangement rather than unit price given the inherent variability of this work.

As such, additional alternate bid work items were included in the bid documents for consideration with the following recommendations:

Base Bid:	Tank Painting, Complete	\$548,000
Alternates:	A1: Two-Tone Paint	\$ 2,900
	A2: Epoxy Pit Repairs	\$ OMIT (undertake as T&M)
	A3: Welded Seam Repairs	\$ OMIT (undertake as T&M)
	A4: Weld & Grind 1" Dia. Pits	\$ OMIT (undertake as T&M)
	A5: Caulk of Intr Roof Supports	\$ OMIT (undertake as T&M)
	A6: Inactive Ant Array Remvl	\$ 2,000
	A7: Mag Mount Ant R&R	\$ 1,000
	A8: Ladder Ext w/ Climb Gate	\$ OMIT (undertake procurement in-house)
	A9: Lead Paint Deduct	\$ -4,000 (await testing results)

A review of other budgeted items in the Water Fund finds a \$150,000 for Levee Construction at Water Plant #1. Given that the design contract for this work was just awarded, it is felt that the construction contract could be timed such that it can be a FY20-21 expense and provide the additional funding for this award.

As such it is recommended award the Base Construction Contract to the low bidder, Seven Brothers Painting, Inc. in a not to exceed amount of **\$553,900** for the base bid plus the recommended alternate items. It is also recommended to approve an overall budget for this project of **\$600,000**, allowing for the other identified items to undertaken on an as-needed Time & Material basis.

This matter has been placed on the City Council agenda of Monday, August 5th, 2019 for review and approval.

cc: File

**Bid Tabulations
City of Washington
Water Tower #1 Painting**

Bid Opening: 1:30 PM
Date: 7/31/2019
Location: City Hall

Item	Unit	Quan.	Seven Brothers Painting		Classic Protective Coatings		Maguire Iron	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
BASE BID								
Tank Painting, Complete	LS	1	\$548,000.00	\$548,000.00	\$783,365.00	\$783,365.00	\$788,000.00	\$788,000.00
ALTERNATES								
A1: Two-Tone Paint Addition	LS	1	\$2,900.00	\$2,900.00	\$4,500.00	\$4,500.00	\$0.00	\$0.00
A2: Epoxy Pit Repairs	GAL	20	\$500.00	\$10,000.00	\$425.00	\$8,500.00	\$2,000.00	\$40,000.00
A3: Welded Seam Repairs	LF	1,000	\$800.00	\$800,000.00	\$125.00	\$125,000.00	\$200.00	\$200,000.00
A4: Weld & Grind 1" Dia. Pits	EA	2,000	\$350.00	\$700,000.00	\$30.00	\$60,000.00	\$20.00	\$40,000.00
A5: Caulking of Interior Roof Supports	LF	1,000	\$50.00	\$50,000.00	\$125.00	\$125,000.00	\$20.00	\$20,000.00
A6: Inactive Cellular Antenna Array Removal (Compl	LS	1	\$2,000.00	\$2,000.00	\$10.00	\$10.00	\$3,500.00	\$3,500.00
A7: Magnetic Mount Antenna & Cabling Rmv & Rplc	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00
A8: Ladder Extension w/ Climb Gate	EA	1	\$30,000.00	\$30,000.00	\$4,800.00	\$4,800.00	\$5,000.00	\$5,000.00
A9: Lead Paint Deduct	LS	1	-\$4,000.00	(\$4,000.00)	-\$40,500.00	(\$40,500.00)	-\$5,000.00	(\$5,000.00)

Base Bid \$548,000.00 \$783,365.00 \$788,000.00

w/ all Alternates \$2,139,900.00 \$1,071,675.00 \$1,095,000.00



PROJECT NAME: WT#1 Painting
COMPLETION DATE: Fall '19

PROJECT LOCATION: Washington, IL
FABRICATOR: CBI

COLORS SELECTED:



Teardrop | 37BL



Cadet Blue | 14BL



Black | 35GR

ADDITIONAL INFORMATION:

Tank3D is provided as a general, visual representation for water tank color schemes and is not intended to provide an exact, properly scaled design. Logo, lettering, and physical attributes of the water tank within the Tank3D program will vary from real-world water towers.

Tnemec Company Tank Colorization

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 Please visit www.tnemec.com to request accurate color swatches or to contact your local representative.
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