



Legislation Text

File #: 24-0255, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 23-250, Northeast Waterworks Standpipe Rehabilitation Project, to ERA-Valdivia Contractors, Inc. for an amount not to exceed \$1,632,075, plus a 3% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director of Water Utilities

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

In 1968, the two-million-gallon standpipe at the Northeast Waterworks (NEWW) was constructed. In 2016, the standpipe exterior was spot treated and overcoated. In 2004, the interior was spot coated. These coatings have exceeded their life expectancy and surfaces now need to be cleaned to bare metal and recoated.

On August 24, 2023, KLM Engineering, Inc. (KLM), an independent third-party engineering firm, inspected the NEWW standpipe. The inspection revealed deterioration of the interior and exterior surface coatings with numerous failures exposing the structure to corrosion and rust. Safety and structural repairs were also identified and recommended for completion while the standpipe is out of service for painting.

Based on KLM's inspection and a consultation with Sherwin-Williams Company, staff determined that the painting and repairs be completed to preserve the integrity of this critical asset. KLM recommends the following:

1. Exterior surface to be abrasive blast cleaned to SSPC-SP 10 condition and primed and coated with a zinc epoxy urethane coating system.
2. Logos to be applied over the new exterior surface coating with a urethane coating system.
3. Exterior standpipe wall within PAS 15D to be abrasive blast cleaned to SSPC-SP 10 condition and primed and coated with a zinc insulative coating system.
4. Dry interior/access pallister surface to be abrasive blast cleaned to SSPC-SP 10 condition and primed and coated with a zinc epoxy coating system.
5. Wet interior surfaces to be abrasive blast cleaned to SSPC-SP 10 condition and primed and coated with a zinc epoxy coating system.
6. Concrete foundation to be repaired to SSPC-SP 13 condition and coated with an epoxy coating system.

KLM also recommends items for repair, replacement, and installation such as antennae penetrations, metal work, manways, vents, fall protection, and lighting.

Staff concurs with the KLM recommendations as well as performing additional repair such as roof flashing, level measuring instrumentation, and SCADA/PLC programming.

DISCUSSION:

In February 2024, the Water Utilities issued Bid 23-250, for the Northeast Waterworks Standpipe Rehabilitation, located at 1593 Naperville-Wheaton Road.

Advertisement Date:	2/2/2024	Notices Sent:	392
Opening Date:	2/2/2024	Planholders:	15
		Proposals Received:	3

Bids were received from the following vendors:

Firm Name	Total Bid Amount
ERA-Valdivia Contractors, Inc.	\$1,632,075
<i>Engineer's Estimate</i>	<i>\$1,751,370</i>
Neumann Co. Contractors	\$2,187,800
Tecorp, Inc.	\$2,794,700

Staff recommends awarding the bid to the lowest responsive bidder ERA-Valdivia Contractors, Inc. ERA-Valdivia Contractors, Inc. is an Illinois-licensed and bonded painting contractor that will provide the necessary labor, materials, and equipment for the rehabilitation and painting of the NEWW standpipe.

The term of the contract is from the date of award through final completion date of December 31, 2024. The contract includes a two-year warranty inspection after completion to identify and address any coating failures that may need repairs.

FISCAL IMPACT:

CIP#: WU050 - NEWW Standpipe Rehabilitation

Rehabilitation of the standpipe at the NEWW is expensed to the account number listed below as part of the capital improvement program. The project is funded at \$2.0 million for 2024. The requested award, including the contingency amount, is within the budget.

Account Number	Fund Description	Total Budget Amount
41252000-551502	Water Capital Fund	\$40,264,902

Per Council directive, contingency on construction projects is set at 3% on projects over \$500,000 and 5% on projects under \$500,000.