



## COUNCIL AGENDA ITEM MEMORANDUM

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**DEPT./DIVISION SUBMISSION & REVIEW:**

Don Bond, Director of Public Works

Kenton Moffett, Assistant Director of Public Works

**ITEM DESCRIPTION:** Consider adopting a resolution authorizing the purchase of the 920 Elevated Storage Tank disinfection booster system from Environmental Improvements, Inc. of Austin in the estimated amount of \$108,500.

**BACKGROUND:** Approval of this purchase provides for a disinfection booster system from Environmental Improvement, Inc. (EI<sup>2</sup>) for the 920 Elevated Storage Tank (EST). Construction of the 920 EST was completed in August 2023. During its first winter in operation, the tank experienced long water life that resulted in the inability to maintain chlorine residual in the tank. The related Range Road EST was taken offline to temporarily resolve this issue. This project adds chlorine injection to the 920 EST to ensure water quality is maintained and Environmental Protection Agency regulations are met. This allows the Range Road EST to continue operating throughout the winter months without chlorine residual concerns.

The Water Treatment Plant division has standardized on Watson Marlow pumps. EI<sup>2</sup> is the exclusive environmental representative for Watson Marlow Group in the state of Texas.

Delivery and installation of the 920 EST disinfection booster system is expected in December 2024.

**ALIGNMENT WITH ADOPTED PLANS:**

Plan	Comments
Strategic Plan	Smart Growth Initiative: Plan for, design, construct, and maintain high quality water, wastewater, and drainage infrastructure, systems, and services that meet the needs of the community now and in the future.

**STAFF RECOMMENDATION:** Approve resolution as presented in item description.

**BOARDS & COMMISSIONS RECOMMENDATION:** This item was not reviewed by any of the official boards and commissions.

**FISCAL IMPACT:** Funding for the purchase of the 920 Elevated Storage Tank disinfection booster system from Environmental Improvements in the estimated amount of \$108,500 is available in project 102228, as follows:

	<u>561-5100-535-6546</u>	<u>795-9400-531-6351</u>	<u>Total</u>
Project Budget	\$ 285,385	\$ 8,282,295	\$ 8,567,680
Encumbered/Committed to Date	(176,885)	(8,282,295)	(8,459,180)
Environmental Improvements	(108,500)	-	(108,500)
<b>Remaining Project Funds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**ATTACHMENTS:**

Resolution