



## AGENDA ITEM SUMMARY

<b>Agenda Date</b>	December 9, 2025
<b>Requested Action</b>	APPROVE RESOLUTION NO. 2025-R88; A RESOLUTION OF THE CITY OF BOERNE, TEXAS AUTHORIZING THE CITY MANAGER TO CONTRACT WITH ENVIRONMENTAL IMPROVEMENTS, INC. TO REPLACE ONE CLARIFIER ASSEMBLY AT THE OLD SAN ANTONIO ROAD WASTEWATER TREATMENT AND RECYCLING CENTER (WWTRC) FOR AN AMOUNT NOT TO EXCEED \$130,000.
<b>Contact Person</b>	Terry Nolan – Utilities Operations Administrator Michael Mann – Utilities Director
<b>Background Information</b>	<p>The Old San Antonio Road Wastewater Treatment and Recycling Center uses backup treatment units to meet TCEQ standards. After biological treatment, the water flows into clarifier basins where reclaimed water is separated from biomass (sludge). In both clarifiers, sludge settles to the bottom and is directed into a collection basin, with some returned to the BNR basins and the rest dewatered and discarded.</p> <p>Each clarifier depends on a center-pivot assembly that rotates an upper skimmer to remove surface material and a lower sweeper mechanism that directs settled sludge to the collection basin. In May 2025, one of these center-pivot assemblies failed due to a defective drive unit. Repair of that unit was performed after special approval by the City Council during the last fiscal year. However, it was noted at that time that the other clarifier drive was also faltering. Therefore, we requested funding in the FY 2026 budget to replace the second clarifier drive.</p> <p>The clarifiers are approximately 76 feet in diameter and 18 feet deep. Replacing the center drive requires temporary support for both the upper bridge and lower sweeper mechanisms. Environmental Improvement, Inc. has submitted a proposal for \$126,905.47, covering all labor, equipment, and materials needed for disassembly and replacement. This work qualifies as a sole-source purchase under City purchasing policy and State law. However, because the cost exceeds \$100,000, the City Charter requires specific Council approval for the expenditure.</p> <p>Staff recommends that the Council approve an expenditure up to \$130,000 to finish the clarifier drive assembly replacement, including</p>

	any minor scope adjustments that may occur during the project.
<b>Strategic Alignment</b>	F1 – Committing to strategic, responsible, and conservative fiscal management. F2 – Investing in and maintaining high-quality infrastructure systems and public assets.
<b>Financial Considerations</b>	Funding for this work is included in the FY 2026 budget.
<b>Citizen Input/Board Review</b>	N/A
<b>Legal Review</b>	N/A
<b>Alternative Options</b>	We might decide not to proceed with replacement now, but doing so could lead to treatment challenges if the drive assembly fails.
<b>Supporting Documents</b>	Resolution No. 2025-R88 Environmental Improvements, Inc. cost quote