
AGENDA ITEM

TO: Tim Vandall, City Administrator
FROM: Anthony J. Zell, Jr., Wastewater Utility Director
DATE: September 10, 2025
SUBJECT: Bid Approval – Sewage Grinder Rebuild Request

The Lansing Wastewater Facility operates two in-channel sewage grinders in front of the main influent pump station. These grinders “macerate” solids in the sewage to smaller pieces that can be safely put through the pumps for removal later in the process.

The grinders have a finite life span before they need to be rebuilt and refreshed; they typically last five to seven years. A few years ago, staff would only operate one unit at a time, with the other safely stored indoors for quick deployment when needed, instead of leaving both in place and alternating their operational sequence. This spring, Unit PS-A-G1 was pulled due to a mechanical failure, and the spare unit (PS-A-G2) was installed in its place. This unit operated for nearly seven years.

Attached is a quote for A-G1 to be rebuilt with a new cutter stack, sandblasted, repainted, and all serviceable parts replaced by the manufacturer. Staff have taken the motor and gearbox to local shops for service and are now in inventory waiting to be mounted on the rebuilt grinder. The lead time for this repair is 10 to 12 weeks.

Policy Consideration: This request is above staff’s approval authority and requires action from the city council.

Financial Consideration: There are sufficient funds in Utility’s maintenance equipment account (50-050-41125) to fund this request in 2025. The amount requested includes a project contingency of five percent.

Recommended Action: A motion to approve the quote from Letts, Van Kirk and Associates in the amount of 26,697.00.