



Agenda Memo

Crest Hill, IL

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| Meeting Date: | 2/9/2026 |
| Submitter: | Gary Richardson |
| Department: | Public Works |
| Agenda Item: | Approval of the purchase of a new RAS pump for the East Wastewater Treatment Plant from Metropolitan Industries Inc. in the amount of \$56,179.00. |

Summary:

The Public Works Department respectfully requests approval to replace one of the Return Activated Sludge (RAS) pumps at the East Wastewater Treatment Plant.

After reviewing options for both replacing the pump or having the current pump rebuilt, staff is recommending purchasing a new replacement pump. The manufacturer's expected service life for this type of RAS pump is 7–10 years. The pump currently in service was installed in 2012, making it approximately 14 years old, which is beyond its intended operational lifespan. The unit has shown increasing maintenance needs, and replacement is the most reliable and cost-effective long-term solution.

Although a rebuilt pump is available, the estimated lead time is 10–16 weeks, which would significantly delay restoration of full pumping capacity. In comparison, the lead time for a new pump is shorter at 8–10 weeks. Combined with the extended lifespan and reliability of a new unit, this makes replacement the most practical and cost-effective option.

Selecting a new pump will help ensure dependable RAS flow, maintain treatment efficiency, and reduce the risk of unplanned equipment failure.

Recommended Council Action:

Approval of the purchase of a new RAS pump for the East Wastewater Treatment Plant from Metropolitan Industries Inc. in the amount of \$56,179.00.

Financial Impact:

Cost: \$38,860.00 or \$56,179.00

Attachments:

A quote from Metropolitan Industries Inc for a new RAS pump and installation

A quote from Metropolitan Industries Inc for the rebuilding of our current RAS pump and installation