



City of Rochester Hills  
AGENDA SUMMARY  
FINANCIAL ITEMS

1000 Rochester Hills Dr.  
Rochester Hills, MI 48309  
248.656.4630  
[www.rochesterhills.org](http://www.rochesterhills.org)

---

Legislative File No: 2026-0253

**TO:** Mayor and City Council Members  
**FROM:** Tracey Balint, Interim Director Department of Public Services  
**DATE:** June 8, 2026  
**SUBJECT:** Street Sweeper

---

**REQUEST:**

City Council is requested to authorize the purchase of one (1) New 2026 Elgin RegenX-1 Regenerative Air Street Sweeper from MacQueen Group, Lake Orion, Michigan in the amount of \$392,446.00.

**REASON FOR PURCHASE:**

The Department of Public Services utilizes street sweepers as a critical operational tool to maintain municipal roadway safety, manage stormwater infrastructure, and meet state-mandated environmental clean water standards. Beyond the aesthetic value of clean streets, sweeping removes heavy grit, gravel, and seasonal debris from road shoulders and gutters before it can wash into catch basins, which prevents localized street flooding and significantly reduces long-term storm sewer maintenance costs. Furthermore, under federal and state Phase II stormwater regulations, the City must actively prevent heavy metals, vehicular emissions, and microscopic tire particulates from contaminating the local watershed. Utilizing a high-efficiency sweeper acts as a primary environmental defense system, capturing these fine particulates directly from the pavement before they enter local waterways.

To replace the City's aging unit, which has reached the end of its reliable operational lifespan and is facing escalating maintenance downtime, the City recommends replacement of the unit utilizing the State of Michigan's MiDEAL Cooperative Purchasing Program (Contract #240000000166). This cooperative procurement mechanism leverages the purchasing volume of the State to secure discounted contract pricing.

The City researched the various options available for Street Sweepers to determine the best value recommendation for the City considering initial purchase costs and overall total cost of ownership. While prominent competing manufacturers like TYMCO are available through national cooperative contracts like Sourcewell, a comprehensive operational evaluation proves that the 2026 Elgin RegenX-1 from MacQueen Equipment is the most advantageous choice for the City. First, the Elgin RegenX-1 is factory-built on a 2026 Freightliner M2 Plus 106 chassis with a Cummins ISB 6.7 engine and an Allison transmission, which directly aligns with the City's existing fleet standardization initiatives. Because the Freightliner M2 platform already serves as the backbone of our medium- and heavy-duty fleet, our mechanics are already factory-trained, certified, and deeply familiar with this specific layout. Choosing Elgin means zero learning curve for our technicians, avoids the thousands of dollars required for redundant diagnostic software licenses, and allows the DPW garage to leverage our existing parts and filter inventories.

Additionally, the Elgin RegenX-1 features a technologically superior single-engine design utilizing a variable speed power-take-off device installed between the chassis engine and the transmission. Traditional

regenerative air competitors, such as the TYMCO Model 600, rely on a dual-engine configuration that requires a primary truck engine plus a completely separate auxiliary diesel engine mounted behind the cab solely to power the vacuum blower. By selecting Elgin's single-engine architecture, the City removes "one less engine to maintain", effectively cutting future engine oil changes, filter replacements, fuel consumption, and complex diesel emissions (DEF/aftertreatment) maintenance in half over the vehicle's lifespan.

**PROCESS:**

**Vendor Name and Address:**

MacQueen Environmental Solutions  
 78 Northpointe Drive  
 Orion Township, MI 48359

**Reason for Selection:**

Best Value/Cooperative Agreement

**Method of Purchase:**

Purchase Order

**BUDGET:**

Funding is included in the FY 2026 Adopted Budget

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Fleet	661.981000	39-595: Street Sweeper	\$430,850	\$392,446	\$38,404

**RECOMMENDATION:**

It is recommended that City Council authorize the purchase of one (1) New 2026 Elgin RegenX-1 Regenerative Air Street Sweeper from MacQueen Group, Lake Orion, Michigan in the amount of \$392,446.00.

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Chief Financial Officer		
Purchasing Process: Procurement Manager		
Mayor		
City Clerk		

Contract Reviewed by City Attorney       Yes       N/A