



CITY OF NOVI CITY COUNCIL
AUGUST 10, 2026

SUBJECT: Approval to award Michigan Automatic Sprinkler, Inc. \$63,750 for the replacement of irrigation devices at Pavilion Shore Park and Ella Mae Power Park utilizing funds provided through the EGLE Community Energy Management Program grant.

SUBMITTING DEPARTMENT: Integrated Solutions – Facilities Management

KEY HIGHLIGHTS:

- **EGLE Grant Funding:** The City received a \$100,000 Community Energy Management (CEM) Program grant from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to implement energy and water conservation projects. Phase One was completed in March 2025, resulting in \$28,917 in grant reimbursement.
- **Water Conservation & Operational Efficiency Improvements:** Phase Two will replace outdated irrigation controllers at Pavilion Shore Park and Ella Mae Power Park with modern systems featuring remote access, advanced scheduling, and real-time water usage monitoring to improve irrigation efficiency and reduce water consumption.
- **Standardized Citywide Irrigation Management:** The \$63,750 project will install new controllers, decoders, surge protection devices, flow sensors, and remote monitoring capabilities, creating a consistent irrigation management platform with systems already in use at the Civic Center Campus and Bosco Fields. Project costs are eligible for reimbursement through the EGLE grant agreement, with ongoing service costs supported by the Parks Grounds Maintenance operating budget.

FINANCIAL IMPACT

EXPENDITURE REQUIRED	\$ 63,900	\$ 0	\$ 0	\$ 63,900
BUDGET				
1. Energy Audit – CEMS Grant 101-265.00-816.074	\$ 63,900	\$ 0	\$ 0	\$ 63,900
APPROPRIATION REQUIRED	\$ 0	\$ 0	\$ 0	\$ 0
FUND BALANCE IMPACT	\$ 0	\$ 0	\$ 0	\$ 0
• An annual recurring cost of \$1,000/year for air card service will be rolled into the Parks Maintenance operating budget.				

BACKGROUND INFORMATION:

In November 2024, City Council approved a grant agreement with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) under the Community Energy Management (CEM) Program in the amount of \$100,000. Through this agreement, the City of Novi is eligible for reimbursement of up to \$100,000 for the implementation of projects focused on energy and water conservation through a two-phase approach.

Phase One of the agreements was completed in March 2025 and consisted of conducting energy audits at several City facilities. Upon completion of this phase, the City received reimbursement totaling \$28,917.

Phase Two of the Community Energy Management Program involves replacing outdated irrigation controllers at Pavilion Shore Park and Ella Mae Power Park. The proposed improvements will enhance irrigation efficiency, reduce water consumption, and further the City's commitment to sustainable operations. The total project cost for Phase Two is \$63,750, which is eligible for reimbursement under the EGLE grant agreement.

The existing irrigation controllers at both parks were installed during the original development of each property and serve as the central operating system for their respective irrigation networks. While functional, the current controllers provide only basic programming capabilities, lack remote access and monitoring, offer limited scheduling flexibility, and do not collect water usage data.

The proposed system upgrades will provide City staff with advanced scheduling capabilities and remote monitoring access, allowing irrigation systems to be managed more efficiently while staff perform other maintenance duties. The addition of flow sensors will provide valuable real-time water usage information, enabling staff to identify leaks or excessive water consumption, adjust irrigation schedules based on seasonal conditions, and better understand overall water usage throughout the irrigation season.

The proposed project includes the installation of:

- Two new irrigation controllers (one at each park);
- Sixty-seven (67) decoders;
- Thirteen (13) surge protection devices;
- Flow sensors; and
- Remote monitoring capabilities.

The new controllers will be consistent with the irrigation control systems recently installed at the Civic Center Campus and Bosco Fields, providing a standardized platform for remote access, monitoring, and maintenance across multiple city park facilities.

Following installation, each site will require an annual air card service fee of approximately \$500 to support remote connectivity. These recurring costs, along with

ongoing maintenance and annual service expenses, will be absorbed within the Parks Grounds Maintenance operating budget.

RECOMMENDED ACTION: Approval to award Michigan Automatic Sprinkler, Inc. \$63,750 for the replacement of irrigation controllers, decoders, surge protection devices, flow sensors, and remote monitoring equipment at Pavilion Shore Park and Ella Mae Power Park with funding provided through the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Community Energy Management Program grant.