



CITY OF NOVI CITY COUNCIL
JULY 28, 2025

SUBJECT: Consideration of approval to award engineering services to OHM Advisors for the preparation of a Water System Master Plan in the amount of \$140,700.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- The Risk and Resilience Assessment and Emergency Response Plan are required to be updated every 5 years. The last update was completed in 2020.
- The Water System Master Plan will also include associated documents, related studies/plans, and additional analysis of the water system needed for compliance with America's Water Infrastructure Act of 2018.

FINANCIAL IMPACT

	FY 2025/26
EXPENDITURE REQUIRED,	\$ 140,700.00
BUDGET	
Water & Sewer Fund 592-536.00-816.053	\$ 140,700.00 (Includes estimated FY 2024/25 budget rollover)
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

The America's Water Infrastructure Act (AWIA) of 2018 required communities to prepare a Risk and Resilience Assessment (RRA) and an Emergency Response Plan (ERP) in 2020, with updates every 5 years moving forward. The Act requires a community serving a population greater than 3,300 to assess the risks to, and resilience of, their drinking water system. These documents are directly related to the

Water System Master plan, which is also due to be updated, and therefore will be developed simultaneously in order to coordinate all State and Federal reporting regulations for the Novi water distribution system.

The Water System Master Plan will incorporate the components of a Water Reliability Study, a General Plan, and an Asset Management Plan which are required by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). OHM Advisors (OHM) has been retained to prepare and update these items, as they have considerable experience with development and updates of the Novi system. In summary, the following deliverables will be prepared:

1. Water System Master Plan, including:
 - Water Reliability Study
 - General Plan
 - Asset Management Plan
2. Risk and Resilience Assessment
3. Emergency Response Plan

The development of the Master Plan and AWIA requirements involves a detailed review of the City's water system network, providing a good opportunity to use this information in the development of a new hydraulic model. This updated model will allow staff to continue to predict system pressures and flow rates, as well as understand existing conditions and prepare for the typical 5-year and 20-year planning periods.

OHM's proposal is enclosed and includes a detailed description of the tasks involved, as well as the fees and schedule for the work.

RECOMMENDED ACTION: Approval to award engineering services to OHM Advisors for the preparation of a Water System Master Plan and associated documents needed for compliance with America's Water Infrastructure Act of 2018, in the amount of \$140,700.