



CITY OF NOVI CITY COUNCIL
JUNE 2, 2025

SUBJECT: Consideration of approval to award the Valve Exercising, Condition Assessment and Repair Program contract to Hydromax USA LLC, the low bidder, in the amount of \$1,469,048.

SUBMITTING DEPARTMENT: Department of Public Works, Water & Sewer Division

KEY HIGHLIGHTS:

- This is a 5-year program intended to evaluate 20% of the system's valves every year (~1,650 valves per year).
- Annual program costs will be ~\$295,000.
- Water system valves will be exercised and then assessed for future maintenance.
- Minor repairs will be completed during the assessment. Major repairs identified will be completed as a separate project.

FINANCIAL IMPACT

	FY 2024/25
EXPENDITURE REQUIRED	\$ 273,950 Year 1 \$ 283,545 Year 2 \$ 293,459 Year 3 \$ 303,733 Year 4 <u>\$ 314,362 Year 5</u> \$ 1,469,048 TOTAL
BUDGET	
Water & Sewer Fund 592-536.00-936.040	\$ 275,000 Year 1
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0
Years 2 through 5 costs will be budgeted in the out years.	

BACKGROUND INFORMATION:

This project involves condition assessment, exercising, and repair of the water valves within the City's distribution system. The valves range in size from 30-inch on primary transmission mains, down to 6-inch hydrant isolation valves. The valves are a critical part of the water distribution system and are used to isolate water main segments or areas within the system for operation, maintenance, and repair.

Best practices include an exercising program every five years to help ensure proper function. In 2021/22, a valve exercising program for the entire water system was completed. Now, the first phase of an annual program is being implemented, where approximately 1,650 valves will be evaluated each year (20% of the 8,280 valves in the water system). The work will involve exercising and assessing each valve, along with minor repairs (rusty bolts, operating nuts, packing, etc.). Major repairs (valve rehabilitation, structure repairs, etc.) will be completed together as a separate project. As major repairs are identified, the contractor will provide estimates, and staff will evaluate for potential change orders as appropriate.

The project was advertised for public bids on March 13, 2025. Three (3) bids were received and opened on May 5, 2025, following the solicitation period. Hydromax USA LLC is recommended in the best interest of the city as it is responsive and complies with all the requirements of the bidding instructions. A summary of the three bids is as follows:

Contractor	Total Bid
Hydromax USA	\$1,469,048
M.E. Simpson	\$2,079,201
Superior Excavating	\$4,774,163

This program is expected to begin shortly after City Council award.

RECOMMENDED ACTION: Approval to award the Valve Exercising, Condition Assessment and Repair Program contract to Hydromax USA LLC, the low bidder, in the amount of \$1,469,048.