



CITY OF NOVI CITY COUNCIL
SEPTEMBER 11, 2023

SUBJECT: Consideration of approval to award the construction contract to M-K Construction Co., Inc., the sole bidder, for the Middle Rouge Streambank Stabilization and Meadowbrook Lake Dredging project, in the amount of \$1,999,454.13.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 1,999,454.13
AMOUNT BUDGETED	\$ 2,637,508.00 FY 2022-23 Budget Rollover
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	211-445.00-975.146

BACKGROUND INFORMATION:

Meadowbrook Lake, which is part of the Meadowbrook Lake subdivision, receives surface water from two inlet tributaries on the north end of the lake (the Walled Lake Branch of the Middle Rouge and Ingersol Creek). Sediment has been building up at both tributaries, resulting in the formation of sediment 'islands' at the north end of the lake. Construction activities north of the lake several years ago may have resulted in an influx of sediment into the Middle Rouge tributary. The sediment fan, or 'islands', that have accumulated at the tributaries are likely obstructing the flow of water into the lake, and they have limited the residents' ability to use the lake for recreation, such as fishing. Additionally, the Middle Rouge channel leading into the lake south of Chattman Road has eroded significantly. The channel runs between two homes, with the banks less than 50 feet from either home. Stabilizing the streambank at this location will help reduce bank erosion and sediment loading into the lake and will reduce the threat of a steepening and/or widening channel. The project will involve hydraulically dredging 7,000 cubic yards of sediment from the tributary areas along with stabilization of approximately 230 feet of the Middle Rouge inlet channel south of Chattman Road.

OHM Advisors assisted the Engineering Division with developing engineering design plans for the project. The plans were advertised for public bids on July 18, 2023. One (1) bid was

received and opened on August 8, 2023, following the solicitation period. M-K Construction, the sole bidder, is recommended in the best interest of the City, as it is responsive and complies with all requirements of the bidding instructions. The award recommendation letter including the bid tabulation is attached.

The contract administration and geotechnical engineering services related to this project will be awarded to the following pre-qualified firms using the fee percentages in the Agreements for Professional Engineering Services and Geotechnical Engineering Services for Public Projects. Construction is expected to begin next spring and last approximately 4 months.

OHM Advisors		
Contract Administration	5% of the construction award (\$1,999,454.13 X 0.05)	\$ 99,972.71
Crew Days	\$800 daily inspection fee x 90 days	\$ 72,000.00

G2		
Material testing services	1.9% of the construction award (\$1,999,454.13 X 0.019)	\$ 37,989.63

RECOMMENDED ACTION: Approval to award the construction contract to M-K Construction Co., Inc., the sole bidder, for the Middle Rouge Streambank Stabilization and Meadowbrook Lake Dredging project, in the amount of \$1,999,454.13.