



CITY OF NOVI CITY COUNCIL
JUNE 5, 2023

SUBJECT: Approval to award engineering design services to AECOM for the 2023 Capital Preventative Maintenance program, in the amount of \$47,850.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 47,850.00
AMOUNT BUDGETED	\$ 57,420.00
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	203-449.30-973.024

BACKGROUND INFORMATION:

Capital preventative maintenance (CPM) consists of surface treatments to roads that are rated as fair condition. Roads that fall in the fair category are typically rated a 5 or 6 out of 10 using the Pavement Surface Evaluation and Rating (PASER) system. CPM is a cost-effective way to treat roads with surface deterioration that are still structurally sound. CPM helps to correct surface deficiencies, slows the rate of deterioration, and protects the underlying structure of the road.

Engineering consultant, AECOM, assisted City staff with developing a list of local roads that would be good candidates for CPM treatment. AECOM also recommends using a Fixed Price Variable Scope (FPVS) method of bidding to allow more flexibility in the scope of the project. The goal of using the FPVS method is to maximize the amount of work that can be completed with the available funding. Using the FPVS method, bidders will be provided with a fixed cost of \$870,000 and a list of roads numbered by priority. The winning bid would propose the maximum amount of work within the fixed cost.

AECOM submitted the attached proposal for design services related to a 2023 Capital Preventative Maintenance program for local roads. The design fee for the project is \$47,850 (5.5% of the estimated construction cost of \$870,000). The design fee is based on the fixed fee schedule established in the Agreement for Professional Engineering

Services for Public Projects. The design of this project will begin following award with construction expected to begin this summer.

RECOMMENDED ACTION: Approval to award engineering design services to AECOM for the 2023 Capital Preventative Maintenance program, in the amount of \$47,850.