



CITY OF NOVI CITY COUNCIL
SEPTEMBER 25, 2023

SUBJECT: Consideration of approval to award engineering design services to AECOM for the 2024 and 2025 Neighborhood Road Program (NRP) in the amount of \$398,062.50.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 197,312.50 NRP Design 2024 <u>\$ 200,750.00 NRP Design 2025</u> \$ 398,062.50 Total
AMOUNT BUDGETED	\$ 250,000.00 NRP Design 2024 <u>\$ 250,000.00 NRP Design 2025</u> \$ 500,000.00 Total
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	203-449.30-974.250 NRP Design 2024 203-449.30-974.260 NRP Design 2025

BACKGROUND INFORMATION:

Every two years, the City works with one of its consultants to evaluate and prioritize residential streets for the annual Neighborhood Road Program (NRP). Based on staff field observations, resident feedback, and surface ratings (PASER), residential streets are selected for reconstruction or rehabilitation. Engineering consultant, AECOM, will be assisting City staff to develop engineering design plans for the 2024 and 2025 Neighborhood Road Program.

Similar to previous years' NRP, the plans will be bid as a two-year contract to help reduce overall costs by broadening the project scope. A two-year contract also lowers the overall effort of engineering services needed and allows for selection and prioritization of streets over multiple years. Specific streets and repair methods will be determined during the design phase, and the program will be split into concrete and asphalt categories.

The design award is based on construction estimates of \$3,587,500 and \$3,650,000 for 2024 and 2025, respectively. These construction estimates would keep costs within the City's total budgeted amount for the NRP of \$4,650,000 in fiscal year 2024-25 and \$4,575,000 in fiscal year 2025-26. The proposed work is a mix of reconstruction and rehabilitation, so a median fee percentage of 5.5% was selected from the fixed fee schedule established in the Agreement for Professional Engineering Services for Public Projects.

A public information meeting will be scheduled in the spring of 2024 to inform residents of the program. The attached Scope of Design Services prepared by AECOM provides more details on the scope of services.

Also included with this award are the services of the City's geotechnical consultant, G2, to collect data on the existing pavement and subsurface to aid in the road design. Using the fee percentage from the Geotechnical Engineering Services for Public Projects based on the estimated total construction costs, the geotechnical design fees will be \$32,287.50 and \$32,850 for 2024 and 2025, respectively.

RECOMMENDED ACTION: Approval to award engineering design services to AECOM for the 2024 and 2025 Neighborhood Road Program (NRP) in the amount of \$398,062.50.