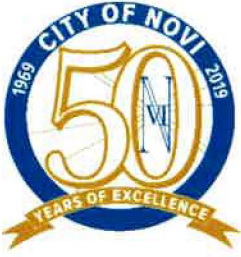


CITY of NOVI CITY COUNCIL

Agenda Item E
February 25, 2019



SUBJECT: Approval to award civil engineering services to Spalding DeDecker for construction engineering services associated with the Fire Station 5 Parking Lot Rehabilitation project in the amount of \$18,470.32.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 18,470.32
AMOUNT BUDGETED	\$ 177,117
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	101-442.10-981.007

BACKGROUND INFORMATION:

Fire Station 5 is currently being used for emergency response operations by City Contractor Superior Air-Ground Ambulance of Michigan, Inc. The asphalt pavement on-site has approached the end of its life-cycle and needs replacement. Due to the heavy equipment used for these operations, deep strength asphalt will be used in critical locations to protect and increase pavement longevity. As part of this proposed project, a driveway approach off of 11 Mile Road will be constructed as well as a pathway perpendicular to the new approach.

Spalding DeDecker (SD), the City's Engineering Consultant, assisted the Engineering Division with developing the plans for this project. Engineering staff advertised the plans for public bids on January 10, 2019 and opened the bids on February 6, 2019. The construction phase engineering fees are determined using two components: 1) The contract administration fee, using the fee percentage in Exhibit B of the Agreement for Professional Engineering Services for Public Projects; 2) The construction inspection fee, using a cost per inspection (crew) day from Exhibit B of the consultant's agreement, multiplied by the number of days of inspection specified by the contractor.

The construction phase engineering fees for this project include a contract administration fee of \$10,070.32 (8.00% of the \$125,879.00 construction bid) and an inspection fee of \$8,400.00 (\$700 per crew day, multiplied by the 12 days provided in the contractor's bid) for a total fee of \$18,470.32. The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated the project will be substantially completed by the end of 2019.

RECOMMENDED ACTION: Approval to award civil engineering services to Spalding DeDecker for construction engineering services associated with the Fire Station 5 Parking Lot Rehabilitation project in the amount of \$18,470.32.

Fire Station 5 Parking Lot Rehabilitation

Location Map



Map Author: Joseph Akers
Date: February 6, 2019
Project: Fire Station 5
Version: 1

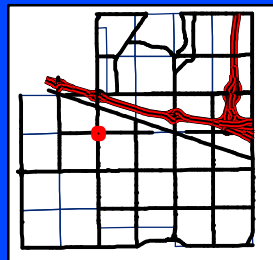
Amended By:
Date:
Department:

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



Proposed
Rehabilitation



City of Novi

Engineering Division
Department of Public Works
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org

0 12.5 25 50 75
Feet

1 inch = 67 feet



February 7, 2019

Mr. Joseph Akers
City of Novi Engineering Division
26300 Lee BeGole Drive
Novi, Michigan 48375

Re: Fire Station No 5 Parking Lot Reconstruction
SDA Project No.: Job No NV18010

Dear Mr. Akers:

Spalding DeDecker is pleased to provide the following proposal for Construction Engineer for the Fire Station No 5 Parking Lot Reconstruction project in accordance with the Agreement for Professional Engineering Services for Public Projects dated December 18, 2017.

Project Overview and Scope of Services

This project includes reconstructing the bituminous parking lot and the addition of an entrance off of 11 Mile Road. Our Construction Engineering services will include Construction Contract Administration and Inspection, as defined in the Agreement for Professional Engineering Services for Public Projects.

Construction Cost and Proposed Fees

Construction Administration fee is based on a percentage of the as bid construction cost and the percentage used is based on the type of proposed work, as defined in the original Agreement. The fees for this project will be based on the "Road Reconstruction" rates in the fee table.

Construction Inspection Services will be provided for \$700.00 per crew day as described in the original Agreement. The original budget will be that of the Crew Day bid amount of the awarded Contractor.

CONSTRUCTION ADMINISTRATION:	$\$125,879.00 \times 8.00\%$	\$10,070.32
CONSTRUCTION INSPECTION:	$\$700.00/\text{Crew Day} \times 12 \text{ Days}$	\$8,400.00
TOTAL:		\$18,470.32

If you have any questions regarding this matter, please give me a call at your earliest convenience.

Thank you,

SPALDING DEDECKER ASSOCIATES, INC.

Ghassan K. Dahoui, PE
Project Manager