



CITY of NOVI CITY COUNCIL

**Agenda Item 9
October 22, 2018**

SUBJECT: Approval to award civil engineering services to Spalding DeDecker for construction engineering services associated with the Bosco Fields project in the amount of \$138,583.18.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division
Parks, Recreational and Cultural Services

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 138,583.18
AMOUNT BUDGETED	\$ 1,975,058
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	400-691.00-977.028

BACKGROUND INFORMATION:

At the City Council meeting held on May 21, 2018, a long-term use agreement was approved with the Novi Community School District for the property on the west side of Beck Road and the south side of 11 Mile Road that is currently undeveloped and vacant. The agreement allows the City to make improvements and maintain the land as public park land, open for use by the general public, and not for private operation. No indoor recreation is permitted, and no permanent structures are allowed or planned, except for any storage or maintenance structures agreed upon by the City and the School District.

The City plans to use and develop the property, now known as Bosco Fields, for multi-purpose sports, athletic, and recreational fields with related amenities. It also includes parking areas and access roads off of Beck Road and off of 11 Mile Road. The final design includes 13 soccer fields of four sizes including: 4v4, 7v7, 9v9, and 11v11.

Spalding DeDecker, 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 September 13, 2018. 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 \$96,583.18 (5.00% of the \$1,931,663.68 construction bid) and an inspection fee of \$42,000 (\$700 per crew day, multiplied by the 60 days provided in the contractor's bid) for a total fee of \$138,583.18. The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated the project will be substantially completed in spring 2019.

RECOMMENDED ACTION: Approval to award civil engineering services to Spalding DeDecker for construction engineering services associated with the Bosco Fields project in the amount of \$138,583.18.

Bosco Fields

Location Map

Eleven Mile Rd

Sierra Dr

Bosco Fields


Beck Rd

Sanford Dr

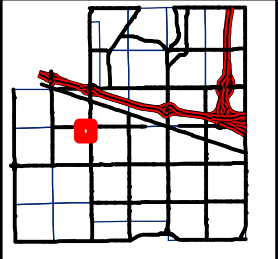
Map Author: Joseph Akers
 Date: October 9, 2018
 Project: Bosco Fields
 Version: 1.1

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 Park Construction



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

Feet
 0 45 90 180 270

1 inch = 226 feet



October 12, 2018

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

Re: Bosco Fields (11 Mile Road & Beck Road) – Construction Engineering Services
SD Job No.: NV18003

Dear Mr. Akers:

Spalding DeDecker is pleased to provide the following proposal for Construction Engineer for the Bosco Fields (11 Mile Road & Beck Road) project in accordance with the Agreement for Professional Engineering Services for Public Projects dated October 03, 2018.

Project Overview and Scope of Services

This project includes grading of a new park, with soccer field irrigation, aggregate parking, trailer pads, and pedestrian pathways with hard surface entrances, accessible parking area, and dumpster pad. 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 “Storm sewer construction” 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:	$\$1,931,663.68 \times 5.00\%$	\$96,583.18
CONSTRUCTION INSPECTION:	$\$700.00/\text{Crew Day} \times 60 \text{ Days}$	<u>\$42,000.00</u>
TOTAL:		\$138,583.18

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

cc: T. Meadows, D. Richmond, T. Reynolds