



CITY of NOVI CITY COUNCIL

Agenda Item C
May 8, 2017

SUBJECT: Approval to award an amendment to the engineering services agreement with Orchard, Hiltz & McCliment (OHM) for construction engineering services for the Meadowbrook Road Culvert Replacement project in the amount of \$27,551.22.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division GDM

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$ 27,551.22
AMOUNT BUDGETED	\$ 547,604.00
LINE ITEM NUMBER	210-211.00-865.027 (Drain Fund)

BACKGROUND INFORMATION:

The Meadowbrook Culvert Replacement project involves replacing the culvert underneath Meadowbrook Road north of Grand River over the Bishop Creek. Orchard, Hiltz & McCliment (OHM) was retained by the Engineering Division for the design and construction engineering services related to this project. The plans were prepared by OHM and bids were accepted between April 10th and April 27th, 2017

The construction phase engineering fees are determined using two components: 1) the contract administration fee, which is determined using the fee percentage in Exhibit B of the Agreement for Professional Engineering Services for Public Projects, and 2) the construction inspection fee determined using a cost per inspection (crew) day from Exhibit B of the consultant's agreement that is then 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 \$19,871.22 (6.50% of the \$305,711.07 construction bid) and an inspection fee of \$7,680 (\$640 per crew day, multiplied by the 12 days provided in the contractor's bid) for a total fee of \$27,551.22.

The construction contract award is proposed for consideration elsewhere on this agenda. It is anticipated that this project will be substantially complete this summer with final completion scheduled for the fall of 2017.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with Orchard, Hiltz & McCliment (OHM) for construction engineering services for the Meadowbrook Road Culvert Replacement project in the amount of \$27,551.22.

Meadowbrook Road Culvert Replacement Location Map



Map Author: J. Mathias
Date: 4/19/17

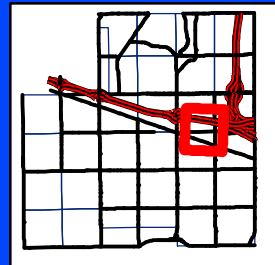
Amended By:
Date:
Department:

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.

Legend

 Culvert Replacement



City of Novi

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



1 inch = 667 feet



**FIRST AMENDMENT TO THE
SUPPLEMENTAL PROFESSIONAL ENGINEERING SERVICES AGREEMENT**

Meadowbrook Road Culvert Replacement Project

First Amended Agreement between the City of Novi, 45175 W. Ten Mile Road, Novi, MI 48375-3024, hereafter, “City,” and Orchard, Hiltz & McCliment, Inc., whose address is 34000 Plymouth Road, Livonia, Michigan 48150, hereafter, “Consultant,” relating to modifications of the fee basis for engineering services. The following sections of the Supplemental Professional Engineering Services Agreement, as made and entered into on April 28, 2017 shall be amended as follows:

Section 2. Payment for Professional Engineering Services. The following Paragraphs shall be amended as follows:

1. Basic Fee.
 - a. *Unchanged*
 - b. Delete 1.b. in its entirety and replace with the following language:
Construction Phase Services: The Consultant shall complete the construction phase services as described herein according to the fee schedule as described below:
 - i. Contract Administration:
The Consultant shall complete Contract Administration services for a lump sum fee of \$19,871.22, which is 6.5% of the awarded construction cost for the project (\$305,711.07) as indicated on the Design and Construction Engineering Fee Curve.
 - ii. Construction Inspection: The Consultant shall complete Construction Inspection services for \$640 per crew day as described in the request for proposals. “Crew days” shall be defined by the construction contract documents as an 8 hour day. Crew days shall be billed in 4 hour increments rounded to the next half day, therefore a 10 hour day shall be 1.5 crew days, a 3 hour day is 0.5 crew days, a 6 hour day shall be 1.0 crew days. The minimum crew day charged for a no-show by the contractor shall be 2 hours (0.25 crew days) which is reflective of the actual cost to the Consultant for traveling to the site and traveling back to the office. There will be no payment to the consultant for extra crew days that were not charged to the contractor. The Consultant acknowledges that intent of using crew days for inspection services is to provide a method for the consultant to recoup costs associated with slow progress by the contractor.
2. *Unchanged*

Except as specifically set forth in this First Amendment, the Supplemental Professional Engineering Services Agreement remains in full force and effect.

WITNESSES

Orchard, Hiltz & McCliment, Inc.

By: James Stevens

Its:

The foregoing _____ was acknowledged before me this ____ day of _____,
20____, by _____ on behalf of

_____.

Notary Public

_____ County, Michigan

My Commission Expires: _____

WITNESSES

CITY OF NOVI

By: Robert J. Gatt

Its: Mayor

The foregoing _____ was acknowledged before me this ____ day of _____,
20____, by _____ on behalf of the City of Novi.

Notary Public

Oakland County, Michigan

My Commission Expires: _____