

VILLAGE OF DOWNERS GROVE
Report for the Village
2/6/2018

| | |
|--|--|
| SUBJECT: | SUBMITTED BY: |
| Contract Amendment: Water Main Design Services with Hey and Associates | Nan Newlon Director of Public Works |

SYNOPSIS

A resolution has been prepared to authorize a contract amendment with Hey and Associates, Inc. of Chicago, Illinois for the design, plan preparation and permitting of water main in conjunction with stormwater engineering services for project area #11 in the amount of \$9,610.

STRATEGIC PLAN ALIGNMENT

The goals for 2017-2019 include *Top Quality Infrastructure*.

FISCAL IMPACT

The FY18 Budget includes \$10,000 in the Water Fund (Page 4-35, Line 17) for professional services.

RECOMMENDATION

Approval on the February 6, 2018 consent agenda.

BACKGROUND

Hey and Associates was awarded a contract in May 2017 to perform a drainage study and prepare engineering plans and specifications for stormwater improvements in the Debolt/Linden/Gierz area, identified within the 2014 Stormwater Project Analysis. During the project process staff reviewed the water network in this area and determined that the addition of 375 feet of new watermain and the replacement of 330 feet of 4-inch water main would improve the flow and reliability of the system. Staff recommends the amendment of the contract with Hey and Associates to include the watermain construction with this contract. By bundling these projects the Village will save money and reduce inconvenience to residents. Construction for both watermain and stormwater infrastructure improvements are anticipated in 2019.

ATTACHMENTS

Resolution
Contract Amendment

RESOLUTION NO. _____**A RESOLUTION AUTHORIZING EXECUTION OF AN AMENDMENT TO
THE CONTRACT BETWEEN THE VILLAGE OF DOWNERS GROVE AND
HEY AND ASSOCIATES, INC.**

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the form and substance of a certain Amendment (the "Agreement"), between the Village of Downers Grove (the "Village") and Hey and Associates, Inc. (the "Consultant"), for engineering and design services of an 8-inch waterman for local drainage project #11, Debolt/Linden/Gierz, as set forth in the form of the Agreement submitted to this meeting with the recommendation of the Village Manager, is hereby approved.

2. That the Village Manager and Village Clerk are hereby respectively authorized and directed for and on behalf of the Village to execute, attest, seal and deliver the Agreement, substantially in the form approved in the foregoing paragraph of this Resolution, together with such changes as the Manager shall deem necessary.

3. That the proper officials, agents and employees of the Village are hereby authorized and directed to take such further action as they may deem necessary or appropriate to perform all obligations and commitments of the Village in accordance with the provisions of the Agreement.

4. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.

5. That this Resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____

Village Clerk

**AMENDMENT TO THE CONTRACT BETWEEN
THE VILLAGE OF DOWNERS GROVE AND
HEY AND ASSOCIATES, INC.**

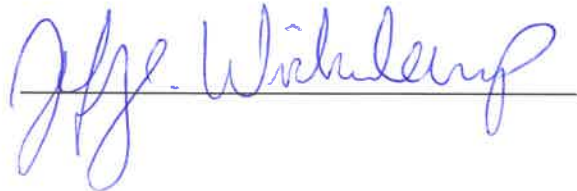
The Village of Downers Grove, Illinois (the "Village") and Hey and Associates, Inc. ("Consultant") entered into a Contract for engineering and surveying services for stormwater local drainage project #11, Debolt/Linden/Gierz on or about May 2, 2017. The parties desire to amend that Contract in accordance with the following terms:

1. Section III.1.3 "Scope and Services" shall be amended by adding design services for an 8-inch watermain along Linden Avenue as more specifically set forth in attached Exhibit A.
2. The fees for this additional work are \$9,610, which shall increase the total not-to-exceed amount, including the contingency, to \$95,371.50 (which includes fees paid for previous services under original contract).
3. All other terms from the May 2, 2017 Contract remain in full force and effect.

VILLAGE OF DOWNERS GROVE

HEY AND ASSOCIATES, INC.

Village Manager



Date: _____

Date: 2/1/18

Hey and Associates, Inc.

Engineering, Ecology and Landscape Architecture

MILWAUKEE, WISCONSIN

8755 W. HIGGINS ROAD, SUITE 835

CHICAGO, ILLINOIS 60631

PHONE (773) 693-9200

VOLO, ILLINOIS

February 1, 2018

Kerry Behr, P.E., CFM
Stormwater Administrator
Village of Downers Grove
Downers Grove, Illinois 60515

Proposal No.: 17-0140

Re: Civil Design: Proposed Watermain – Linden Place Between Chicago and Gierz Avenue

Dear Ms. Behr:

Thank you for requesting a proposal from Hey and Associates, Inc. (Hey) to provide design services for a proposed 8-inch watermain along Linden Place between Chicago Avenue and Gierz Avenue and replacement of 4-inch with and 8-inch watermain along Linden Place between Gierz Avenue and Prairie Avenue. This proposal is an amendment to our original proposal for Stormwater Management Services for Debolt/Linden/Gierz Proposal No. SW-080-17K.

The following scope of services is proposed:

Scope of Services

Task 1: Watermain Final Engineering Design

This task will involve design of the proposed 8-inch watermain utilizing the topographic survey and utility location searches that was performed as part of the Stormwater Management Services contract. This final engineering task includes:

- Layout of the proposed watermain in accordance with State horizontal and vertical separation requirements with existing utilities.
- Connection design with existing watermain at Chicago Avenue, Gierz Avenue, Prairie Avenue.
- Layout of proposed appurtenances including water valves, reducers, service lines, and fire hydrants, if necessary.
- Preparation of watermain construction details and general notes in accordance with Village of Downers Grove requirements.
- The watermain plans will be included as part of the plans and specifications for the stormwater improvements and roadway reconstruction at the 50%, 90%, and Final project milestones.
- Preparation of watermain improvement Specifications and Special Provisions.
- Engineer's Opinion of Probable Cost provided at the 50%, 90%, and Final project milestones.

Ms. Kerry Behr
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Task 2: Watermain Permitting

Hey and Associates will assist in preparing permit applications for the Illinois Environmental Protection Agency Division of Public Water Supplies review. This task includes submittal of plans, specifications, and permit applications to the Agency and one subsequent review including revisions of plans and specifications and resubmittal to the Agency.

Consulting Fees

The estimated costs by task are included below.

| Task | Description | Estimated Cost |
|-------------|------------------------------------|-----------------------|
| 1 | Watermain Final Engineering Design | \$7,940 |
| 2 | Watermain Permitting | \$1,670 |

If this agreement is acceptable, please sign below and return this proposal to our office. Upon receipt, we will sign and return a fully executed copy for your records. This proposal is valid for 30 days from the date of this letter. Should you have any questions, please contact Jeff Wickenkamp at our Chicago office, 773-693-9200 x111.

 Hey and Associates, Inc.

 Village of Downers Grove

 Attest

 Attest

 Date

 Date

Hey and Associates, Inc.

Village of Downers Grove, Illinois
 Stormwater Management Engineering Services Debolt/Linden/Gierz
 Proposal No. SW-080-17K

| Phase | Description | Hey and Associates, Inc. | | | | | | | | | Total Hours | Labor | Direct Costs | Totals |
|-------|------------------------------------|--|----------------------------------|-------------------------|------------------------------|--------------------------------------|---------------------------------------|-------------------------------------|------------------------------------|---------------------|-------------|-----------------|---------------|-----------------|
| | | Project Principal Wickenkamp \$195 | Project Manager Lach \$160 | QA/QC Kraft \$160 | Surveyor Farrell \$105 | Civil Engineer V Culcasi \$135 | Civil Engineer V Thorholm \$135 | Civil Engineer IV Macke \$125 | Civil Engineer I Solner \$95 | Survey Tech \$45 | | | | |
| 1 | Watermain Final Engineering Design | | 1 | 1 | | | 36 | | 28 | | 66 | \$ 7,840 | \$ 100 | \$ 7,940 |
| 2 | Watermain Permitting | | | | | | 8 | | 6 | | 14 | \$ 1,650 | \$ 20 | \$ 1,670 |
| | Totals: | 0 | 1 | 1 | 0 | 0 | 44 | 0 | 34 | 0 | 80 | \$ 9,490 | \$ 120 | \$ 9,610 |