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McDonough Associates Inc.  
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July 15, 2011

Village of Orland Park  
Department of Public Works  
15655 Ravinia Avenue  
Orland Park, Illinois 60462

Attn: Mr. Edward Wilmes  
Director of Public Works

Re: Proposal for Engineering Design (Phase II) Services  
Water Main – 143<sup>rd</sup> Street from Union Street to Wolf Road

Dear Mr. Wilmes,

In response to the request of Mr. John Ingram of your Department, MAI is pleased to present this Proposal to the Village of Orland Park for the design of a water system loop connection along 143<sup>rd</sup> Street from Union Street to Wolf Road. We were requested to provide a proposal outlining 2 separate options to perform the work. **Option 1** would be the development of plans and specs to include the water main work in the IDOT 143<sup>rd</sup> Street roadway improvement project bid documents. **Option 2** would be the development of a complete set of bid documents, plans and specifications for the water main to be constructed under permit prior to the IDOT improvement.

The design of the proposed water main in this section will include development of plans and specifications for approximately 4,300 feet of new 12-inch water main from Union Street to Crystal Tree Drive with a Pressure Regulating or Check Valve, approximately 750 feet of new 16-inch water main east of Deer Haven Lane on the south side of 143<sup>rd</sup> Street to fill a gap in the existing 16-inch main, and approximately 700 feet of new 16-inch water main east of Wolf Road on the south side of 143<sup>rd</sup> St. to fill a gap in the existing 16-inch main.

**Option 1 – Union Street to Wolf Road 12” and 16” main – To be included as a part of the IDOT Improvement Contract**

The work involves design of the above water main plans and specs to be included in the IDOT improvement of this section of 143<sup>rd</sup> Street. This proposal assumes the use of the IDOT road improvement plan base sheets for the development of the water main plans and does not include any geotechnical or wetland reviews or permitting, which will be provided as additional services if required.

We propose a lump sum fee for these Option 1 professional services of **\$52,200.00**. This includes application for any water main related permits, with fees – if any – to be paid by the Village.



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**Option 2 – Union Street to Wolf Road 12” and 16” main – Complete bid set for water main work to be done as a permit prior to the IDOT Road Improvements.**


The option involves the development of a full bid document set, in addition to the plans and specs for the improvement. This proposal assumes the use of the existing Phase 1 survey for the plans and does not include any geotechnical or wetland reviews or permitting, which will be provided as additional services if required.

We propose a lump sum fee for Option 2 professional services of **\$70,900.00**. This includes application for any water main related permits, with fees – if any – to be paid by the Village.

This proposal does not include design work necessitated by unforeseen conditions; extraordinary utility conflicts; and poor soils conditions. Any additional services requested by the Village or due to unforeseen conditions that would result in a change of Scope will not commence unless given prior authorization.

These services will commence immediately upon receipt from the Village of the Notice to Proceed on the selected option and will be completed in conjunction with the IDOT project schedule as applicable. If you have any questions regarding this proposal, please contact the undersigned. Thank you for the opportunity to be of service.

Very truly yours,  
McDONOUGH ASSOCIATES INC.



Michael P. Hannemann, P.E.  
Sr. Vice President

Encls: Scope of Services  
VOP – Improvement limit sketch

cc: F. Nathani, MAI  
A. Swanson, MAI  
S. Ravanesi, MAI  
T. Werner, MAI  
File