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August 29, 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 – 143rd Street from Wolf Road to Will-Cook 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 an 8" water system loop connection along 143rd Street from Wolf Road to Will-Cook Road. We were requested to provide a proposal outlining 2 separate options to perform the work, the first would be the development of plans and specs to include the water main work in the IDOT 143rd Street roadway improvement project bid documents, and the second 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. As we discussed with John Ingram yesterday, we have looked at the second option and if done prior to the road work we feel it would be too expensive, may create too many conflicts with the future road work, and will have environmental issues that will mostly be handled in the road project.

The design of the proposed water main in this section will include development of plans and specifications for approximately 1,300 feet of new 8-inch water main from Creek Crossing Drive east towards Wolf Road. The water main passes through an area of unstable soil along the south side of 143rd Street and will likely require some additional structural support. This proposal includes the cost of a water main specific soils investigation and water main support recommendation and design. We feel we may be able to minimize this soils investigation and recommendation cost as the work proceeds, providing some savings which will be passed on to the Village.

This work will entail the development of plans and specifications for the proposed 8" water main to be included as a part of the IDOT 143rd Street Improvement Contract. 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 wetland reviews or permitting specifically for the water main, which are assumed to already be included in the roadway work.

We propose a lump sum fee for Option 1 professional services of **\$40,305.55**. This includes application to the IEPA for water main related permit, with fees – if any – to be paid by the Village.



This proposal does not include design work necessitated by unforeseen conditions or extraordinary utility conflicts. 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 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.

A handwritten signature in black ink, appearing to read "Michael P. Hannemann", written over a horizontal line.

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

Encls: Scope of Services
VOP – Improvement limit sketch

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