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June 17, 2010

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 – Wolf Road and 183rd Street

Dear Mr. Wilmes

In response to the request of Mr. John Ingram of your Department, and your comments of today, MAI is pleased to present this Proposal to the Village of Orland Park for the design of a water system loop connection at Wolf Road and 183rd Street to be included in the ongoing IDOT intersection improvement plans, with the work built by IDOT's Contractor and paid for by the Village. The work will include the design of approximately 480 feet of new 12-inch and 490 feet of new 16-inch water main at Wolf Road and 183rd Street, including connections to existing water mains at or near their current terminations. The design will include a pressure connection of a new 16 inch water main to the existing 20 inch on the east side of Wolf north of Orland Parkway and traversing the 16" west across Wolf Road then south crossing the existing petroleum pipeline and south across 183rd. The water main will tee at this point to a 12-inch south to an existing 12-inch main on the west side of Wolf Road south of 183rd and proceed from the tee as a 16-inch to the west to connect to an existing 16-inch on the south side of 183rd at Golden Eagle Drive. The Proposal, shown on the following pages, includes a brief summary of the major tasks that will be included in our Scope of Services for this work, including some construction services to assist IDOT and for Village requirements. (The design documents consisting of necessary plan and profile sheets and specifications are proposed to be included in the bid as part of the IDOT-funded Wolf Road/183rd Street Intersection Improvement)

We are proposing a lump sum fee for these professional services of **\$18,160.00**. 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 that would result in a change of Scope will not commence unless given prior authorization. The Village will be invoiced monthly on the basis of percent complete. This proposal assumes we will be given a copy of the State of Illinois Improvement Plans to use as our basis of design.

The signature of the Village's authorized representative and return of one signed copy of this proposal to this office will constitute acceptance of this contract and serve as our notice to proceed. You may also return the signed copy by facsimile to the above listed number.

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These services will commence immediately upon receipt of the notice to proceed and will be completed in conjunction with the IDOT project schedule. 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.



Timothy D. Werner, P.E.
Director

Encls: Scope of Services and Fee

cc: F. Nathani, MAI
M. Hannemann, MAI
A. Swanson, MAI
S. Ravanesi, MAI
File

APPROVED BY
VILLAGE OF ORLAND PARK

By: _____

Title: _____

Date: _____



PROPOSED SCOPE OF SERVICES AND FEE
Village of Orland Park, IL
Water Main - Wolf Road at 183rd Street
Project to be added to IDOT Wolf and 183rd Improvement

TASK DESCRIPTION	ESTIMATED HOURS
Pre-Design Phase Services	
Project Kick-off Meeting	2
Right-of-Way and Easement Information gathering and review from IDOT	4
Review Existing Information and Documents - plans, atlases, etc.	4
Review & Coordinate Pipeline and Subsurface Utilities	6
Survey - Pick-up water specific limits and Base Drawing Development	16
Jurisdiction Agency/Organization Coordination	4
Design Phase Services	
Preparation of Drawings - 1 Plan and 2 Profiles - 183rd and Wolf	40
Preparation of Technical Specifications	16
Preparation of Bidding & Procedural Documents (most by Others)	2
Summary of Quantities	4
In-house Quality Control Reviews	4
Furnish Final Drawings and Special Provisions	2
Jurisdiction Agency Coordination, Traffic Control and Permitting	6
Meetings & Communications with Village	8
Construction Phase Services	
Bid Review and Recommendation	2
Construction Coordination and Review	4
Inspection of Pressure connections - 20" and 16"	8
Inspection of main installation at Petroleum Pipeline crossing	4
General Inspection and pressure testing	8
As-built and Project Close-out	4
Summary of Costs	
Estimated Labor Hours	148
Total Labor Cost	\$ 17,760.00
Other Direct Costs	
Travel (6 days @ \$50/day vehicle usage - meetings/inspections)	\$ 300.00
Inhouse Printing/Copying	\$ 100.00
Total Lump Sum Cost	\$ 18,160.00

