

Clerk's Contract and Agreement Cover Page

Year: 2008-0 **Legistar File ID#:** 2010-0648
Multi Year: ☒ **Amount** \$0.00
Contract Type: Professional Services
Contractor's Name: McDonough Associates Inc
Contractor's AKA:
Execution Date: 3/4/2008
Termination Date: 12/31/2009 JAN 21 2011
Renewal Date:
Department: Public Works
Originating Person: Denise Domalewski/Pete Casey

Contract Description: Professional Engineering Services General Contract
2008-2009
3.4.08 \$209,616 Ped Bridge
3.4.08 \$75,230 Decorative Façade
5.13.09 104th Ave Bike Path \$34,165.38
12.1.09 - addendum to extend contract thru 2010
6.16.10 Bike Path add \$23,420.48
6.17.10 proposal Wolf & 183rd water main \$18,160.00

12/23/10 Addendum B - extending General through
2011
1/20/11 - 143rd SW Hghwy Realignment \$9938.04 (PO
59353)

Friday, January 21, 2011

MAYOR
Daniel J. McLaughlin

VILLAGE CLERK
David P. Maher

14700 S. Ravinia Ave.
Orland Park, IL 60462
(708) 403-6100

January 21, 2011

Mr. Michael Hannemann
McDonough Associates Inc.
16634 South 107th Court
Orland Park, Illinois 60467-8898



VILLAGE HALL

TRUSTEES
Bernard A. Murphy
Kathleen M. Fenton
Brad S. O'Halloran
James V. Dodge
Edward G. Schussler III
Patricia Gira

RE: NOTICE TO PROCEED
Engineering Services (Pre-Phase I) – 143rd Street and Southwest Highway Realignment

Dear Mr. Hannemann:

This notification is to inform you that the Village of Orland Park has accepted and signed the proposal dated November 1, 2011 for the Engineering Services (Pre-Phase I) – 143rd Street and Southwest Highway Realignment..

Please contact Ed Wilmes at 708-403-6357 regarding the work.

The Village has processed Purchase Order #059353 for this contract/service and faxed this to your company. It is imperative that this number on the Purchase Order be noted on all invoices, correspondence, etc. All invoices should be sent directly to the Accounts Payable Department at 14700 S. Ravinia Ave. Orland Park, IL 60462. Also, your final invoice for this contract/service should state that it is the final invoice pertaining to that Purchase Order.

For your records, I have enclosed one (1) original executed proposal signed January 20, 2011 in an amount not to exceed Nine Thousand Nine Hundred Thirty-Eight and 40/100 (\$9,938.40) Dollars. If you have any questions, please call me at 708-403-6173.

Sincerely,

Denise Domalewski
Contract Administrator

cc: Ed Wilmes



McDonough Associates Inc.
16634 South 107th Court
Orland Park, Illinois 60467-8898
708/226-9261 Fax: 708/226-9345
www.malengr.com

November 1, 2010

Mr. Edward Wilmes
Director of Public Works
Village of Orland Park
15655 Ravinia Avenue
Orland Park, IL 60462

RE: Proposal for Pre-Phase I Engineering Services
143rd Street and Southwest Highway Intersection

Dear Mr. Wilmes:

McDonough Associates, Inc. appreciates the opportunity to submit for your review and consideration a proposal for Pre-Phase I Engineering services for re-alignment alternatives at the intersection of 143rd Street and Southwest Highway.

McDonough Associates proposes to provide the Village of Orland Park Pre-Phase I Engineering services to study potential alternatives for the re-alignment of the intersection at 143rd Street and Southwest Highway that were not included as part of the original IDOT Phase I study of 143rd Street. Due to the recent removal of commercial buildings in the Northwest corner of the 143rd Street/SW Highway intersection, re-alignment alternatives previously not considered are now possible. McDonough Associates will study and develop new roadway alignment options that the Village of Orland Park can utilize when considering development of a new Phase I and/or IDS at this intersection.

McDonough Associates has prepared a man-hour and cost analysis to complete the engineering services outlined above (See Attached). McDonough Associates has estimated a fee of \$9,938.40 to provide the Village of Orland Park roadway re-alignment alternatives at the intersection of 143rd Street and Southwest Highway. This estimate is based on standard IDOT rates (2.8 multiplier) along with actual costs for all in-house direct costs and outside services. Invoicing will follow standard IDOT billing format.

We propose to perform these services in a deliverable upon request format (DUR) with a task maximum of \$9,938.40 as stated above. If this proposal for engineering services is acceptable, please sign in the



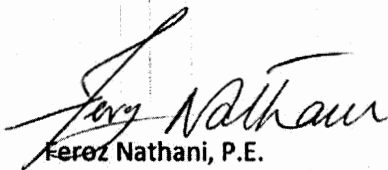
McDonough Associates Inc.

area provided below and return to our office. By signing and returning this proposal, this document will act as our Notice to Proceed.

McDonough Associates appreciates the opportunity to submit this proposal and look forward to providing engineering services to the Village of Orland Park for this project.

If you have any questions regarding this proposal, please contact us at (708)226-9261.

Sincerely
McDonough Associates, Inc.


Feroz Nathani, P.E.
President

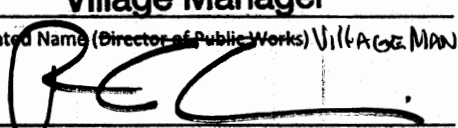
Encl: Scope of Services

cc: M. Hannemann S. Ravanesi File

Acceptance by the Village of Orland Park:


Paul G. Grimes
Village Manager

Printed Name (Director of Public Works) Village Manager


Signature (Director of Public Works) Village Manager

1/20/11
Date

**Phase I Intersection Re-Alignment Study
143rd Street and Southwest Highway
Village of Orland Park**

Scope of Work

The project will consist of preparing a Phase I Intersection Design Study for the potential re-alignment of the intersection at 143rd Street and Southwest Highway. The project will update the recommendations and findings made in the IDOT Phase I Report an IDS for 143rd Street report to reflect the recent clearing of commercial buildings on the NW corner of the intersection. The updated study will look at new alignment possibilities that were not available as alternatives during the original study. All work will be performed in full accordance with IDOT standards, procedures, requirements and criteria.

Working Tasks		Total Man-hours
1.0 Update Data Collection / Gather Information		
Utility Atlas Sheets		Not Included
Property Delineation and Ownership		Not Included
2.0 Early Project Coordination		
Establish Design Criteria - Horizontal / Vertical		2
Prepare Work Plan		Not Included
Meetings and Coordination with Village		8
Meetings and Coordination with IDOT		4
Prepare Project Schedule		Not Included
3.0 Update Phase I Field Survey		
Horizontal Control and Centerline Survey		Not Included
Vertical Control, Benchmarks and Ties		
Topographic Information		
Property Corners		
4.0 Update Traffic Analysis & Intersection Design Study		
24 Hour machine counts		Not Included
AM Peak Hour Directional Counts		
PM Peak Hour Directional Counts		
Year 2030 Projected Traffic		
Capacity Analysis		
Traffic Signal Warrants		
Intersection Design Study Plan		
Intersection Auto turn Exhibits		
5.0 Update Accident Analysis		
Compile Accident Reports and Records (most recent three years)		Not Included
Analysis of Collision Accident Data		
Determine Accident Rates and Compare to Statewide Averages		
Wet Weather Accident Analysis		
6.0 Alternative Alignments and Design Analysis		
Horizontal Alignment Analysis		40
Vertical Alignment Analysis		Not Included
Typical Section Study		4

Roadway Geometrics, Lanes, Median and Widths	8	
Turn Storage Requirements, Tapers and Turn Radii	Not Included	
Retaining Walls, Side slopes and Guardrail vs. ROW Issues		
Temporary Construction Easements		
Plan Geometrics for Report Exhibits		
Profile Geometrics for Report Exhibits		
Cross Section Impact Analysis		
Determine Right-Of-Way and Easement Requirements		
Pavement Marking Details		
Landscaping Issues		
Embankment, Cuts and Excess Earthwork		
Utility Relocations		
Safety Issues		
Lighting Issues		
7.0 Railroad Coordination		
Meetings and Coordination	Not Included	
Grades and Crossing		
Signal Equipment & Railroad Preemption		
8.0 Streetscaping Issues		
Landscaping Issues	Not Included	
Street Lighting Issues		
Decorative Features		
9.0 Socio-Economic Business Establishment Issues		
Meet with Businesses	Not Included	
Economic Issues		
Traffic and Access Issues		
Parking Issues		
Safety Issues		
10.0 Maintenance of Traffic and Detour Route Analysis		
Detour Route Analysis	Not Included	
Construction Staging Issues		
Plan Packaging Issues		
11.0 Drainage Studies		
Existing Drainage Plan Preparation and Submittal	Not Included	
Drainage Investigations, Flooding and Areas of Concern		
Proposed Drainage Criteria		
Hydraulic Atlas, Base Floodplains and Requirements		
Floodplain and Floodway Maps and Requirements		
Floodplain and Floodway Impacts		
FEMA and FIRM Investigations		
Compensatory Floodplain Storage		
Drainage Outlet Evaluation		
Stormwater Detention Analysis		
Hydraulic Modeling		
Culvert Waterway Tables (2 locations)		
Culvert Hydraulics and Opening Sizes		

Proposed Drainage Plan and Profile		
Drainage Report Text and Exhibits		
Erosion and Sediment Control Details		
Scour Analysis		
12.0 Structural Studies		
Retaining Wall Analysis and Calculations		
Culverts and Wingwall Analysis and Calculations		
Retaining Wall Alternatives		
Culverts and Wingwall Alternatives		
Preliminary TS&L for Retaining Walls		
Preliminary TS&L for Culverts and Wingwalls		
Structural Recommendations		
Structural Cost Estimate		
13.0 Wetland Delineation, Classification, Mitigation		
Delineation		
Classification		
Mitigation		
Avoidance Alternatives		
Wetland Impact Assessment		
14.0 Environmental Studies		
Environmental Survey Request Form		
Archaeological, Historical and Architectural Inventory		
Preliminary Environmental Site Assessment		
Hazardous Waste		
Special Waste		
Air Analysis		
Noise Analysis		
Section 4(f) Evaluation - Use of Public Properties		
Section 6(f) Evaluations - Use of Land Acquired through Grants		
Wetland Permits		
Floodway and Floodplain Permits		
Tree and Vegetation Evaluation		
15.0 Meetings, Coordination and Special Issues		
County Forest Preserve		
Illinois Nature Preserve		
County Highway Department		
Illinois Historic Preservation Officer		
Department of Natural Resources		
US Army Corps of Engineers		
Villages and Townships		
Illinois Department of Transportation		
Coordination of Services by Others		
16.0 Public Involvement		
Compile Mailing List from List of Property Owners		
Prepare and Mail Informational Brochures		
Prepare Public Meeting Displays and Presentation		

	Secure Public Meeting Site	Not Included	
	Hold Public Meeting and Gather Input		
	Prepare Response to Comments at Public Meeting		
	Transportation to Meeting (2 trips)		
	Exhibit Board Preparation		
17.0 Cost Estimate			
	Preliminary	4	
	Final	4	
18.0 In-House Direct Costs			
	Printing and Reproductions	\$	200.00
	Preliminary Submittal		
	Xerox Copies		
	Paper Plots		
	Blueline Copies		
	PreFinal Submittal		
	Xerox Copies		
	Paper Plots		
	Blueline Copies		
	Vellum Plots		
	Final Submittal		
	Xerox Copies		
	Paper Plots		
	Blueline Copies		
	Vellum Plots		
	Mylar Plots		
	Survey Vehicle Transportation		
	Field Survey Trips		
	Meeting Transportation		
	Meeting Trips		
	Special Meeting Exhibits and Presentation Material		
	Public Meeting Room Rental		
	Public Meeting Brochures		
	Public Meeting Exhibit Printing/Mounting		
19.0 Services By Others			
	Aerial Photography	Not Included	
	Soil Borings / Wetland Borings / Pavement Cores		
	Traffic Counting (Peak Hours, Directional and 24-Hour Tube)		
	Hazardous / Special Waste Site Assessment Survey		
	Air Analysis		
	Noise Analysis		
	Erosion Control Plans		
	Water Quality Issues		
	Wetland Delineation and Classification		
	Total Man-Hours (Estimated)	74	
	Labor (Estimated)	\$	9,738.40
	In-House Costs and Services by Others (See above)	\$	200.00
	Project Total	\$	9,938.40

