

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 JAN 21 2011
Termination Date: 12/31/2009
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)

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

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

Dear Mr. Hannemann:

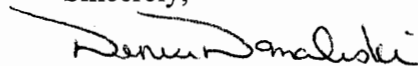
This notification is to inform you that the Village of Orland Park has accepted and signed the proposal dated November 1, 2011 for the Engineering Services (Pre-Phase I) – 143rd Street and Southwest Highway Realignment..

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



VILLAGE HALL

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



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

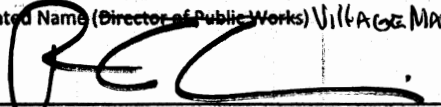
Encl: Scope of Services

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	Not Included	
	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	Not Included	
	Classification		
	Mitigation		
	Avoidance Alternatives		
	Wetland Impact Assessment		
	14.0 Environmental Studies		
	Environmental Survey Request Form	Not Included	
	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	Not Included	
	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			
	Preliminary Submittal			
	Xerox Copies			
	Paper Plots			
	Blueline Copies			
	PreFinal Submittal			
	Xerox Copies			
	Paper Plots			
	Blueline Copies			
	Vellum Plots			
	Final Submittal			
	Xerox Copies	\$	200.00	
	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	

