



HUBBELL, ROTH & CLARK, INC
Consulting Engineers

Principals	Associates
George E. Hubbell	Jonathan E. Booth
Thomas E. Biehl	Michael C. MacDonald
Walter H. Alix	Marvin A. Olane
Peter T. Roth	William R. Davis
Michael D. Waring	Jesse B. VanDeCreek
Keith D. McCormack	Robert F. DeFrain
Nancy M.D. Faught	Marshall J. Grazioli
Daniel W. Mitchell	Thomas D. LaCross
	Dennis J. Benoit
	James F. Burton
	Jane M. Graham
	Donna M. Martin
	Charles E. Hart
Senior Associates	
Gary J. Tressel	
Lawrence R. Ancypa	
Kenneth A. Melchior	
Randal L. Ford	
David P. Wilcox	
Timothy H. Sullivan	

April 9, 2012

City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

Attn: Paul Shumejko, P.E., Transportation Engineer

Re: 2011 Bridge Rehabilitation Project
Proposal for Construction Engineering Services

HRC Job No. 20110226.86

Dear Mr. Shumejko:

We are pleased to offer our construction engineering services to the City of Rochester Hills for the 2011 Bridge Rehabilitation Project. It is noted that Hubbell, Roth & Clark, Inc. (HRC) is pre-approved to provide the City these services in accordance with our Professional Engineering Services Contract. Our understanding of the project is based on our design plans and the March 27th pre-award meeting with the identified low bid contractor Z Contractors, Inc.

Based on the specialty detail work required to properly complete the construction repairs of the 14 bridges, we are proposing to utilize a Senior Project Representative that is experienced and qualified to fully manage all tasks associated with our construction engineering services. Mr. Eldon "Gene" Adams' résumé is attached for your reference. Mr. Adams would be tasked with providing: all daily observation and field reports; facilitating any necessary construction status meetings; answering any construction related questions; coordinating QA/QC testing services; shop drawing review; reviewing progress payment applications; resolving any contractor claims; and other construction services requested by the City.

At pre-award meeting Z Contractors identified a preliminary construction schedule of 5 days per week for a period of 3 months (13 weeks) with 10 hour work days and periodic work on weekends as allowed and/or determined necessary. Therefore full-time observation of this work would require approximately 650 hours. We would also recommend budgeting a minimum of 40 hours for pre-construction and status meetings, contract close-out and other miscellaneous construction administration services that may occur over the course of the project for a total budget of 690 hours.

For the purposes of this proposal, we have assumed a full-time commitment of Mr. Adams for 50 hours per week for the first 7 weeks of the project and then reducing his time to 20 hours per week for the remaining 6 weeks to project completion for a total of 470 hours. We would also propose 220 hours of various staff time to supplement Mr. Adams for a total budget of 690 hours. At an average rate of \$110 per hour we would propose a total not-to-exceed cost of \$75,900.00 that would be completed under the terms and conditions of our Agreement for Professional Engineering Services.

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Bloomfield Hills, Michigan 48303-0824
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Engineering. Environment. Excellence.



We feel this is the most cost effective means to meet the needs of the City for this project and have proposed a budget that is slightly below 15% of the awarded \$511,000 construction cost. However, as you're aware, the level of engineering services required to properly manage a construction project is often influenced by the contractor's operations. It is noted that Z Contractors is a new company and that their low bid of \$511,000 is over \$180,000 less than the second low bidder.

If you have any questions regarding this proposal, please contact the undersigned. Should you concur with this proposal, please sign below to serve as our authorization to proceed. Once again, we thank you for this opportunity and look forward to our continued services to the City of Rochester Hills.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

A handwritten signature in blue ink that reads "Daniel W. Mitchell". The signature is fluid and cursive.

Daniel W. Mitchell, P.E.
Vice President

pc: Rochester Hills; A. Schneck, P. Davis
HRC; File

Recommended by:
CITY OF ROCHESTER HILLS

Paul Shumejko, P.E.

Date: _____

Approved by:
CITY OF ROCHESTER HILLS

Bryan K. Barnett, Mayor

Date: _____