



**HUBBELL, ROTH & CLARK, INC**  
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Marshall J. Grazioli  
Thomas D. LaCross

May 31, 2007

City of Rochester Hills  
1000 Rochester Hills Dr.  
Rochester Hills, Michigan 48309-3033

Attention: Mr. Marc Matich  
Traffic Permit Technician

Re: Avon Road Pathway Improvements  
Proposal to Provide Engineering Design Services

HRC Job No. 20070403.86

Dear Mr. Matich:

As requested, we are pleased to offer our services for the subject project. It is noted that Hubbell, Roth & Clark, Inc. (HRC) has been pre-approved to provide these services in accordance with our September 2005 proposal for Engineering Services. Our scope of work is based on your May 23<sup>rd</sup> email that indicates the existing 8' wide bituminous pedestrian pathway along Avon Road between Livernois Road and Rochester Road was damaged due to a recent project by DTE Energy. As a result, the pathway is currently closed and the City is requesting HRC to develop a biddable set of contract documents to rehabilitate the pathway in accordance with current standards. The remainder of this letter details our proposed scope of services and associated costs.


In summary, a biddable set of contract plans and specifications will be developed. It is estimated that the approximate 4,850 stretch of pathway will require a plan set consisting of seven (7) sheets (cover, 4 plan sheets at 1"=40' scale and 2 detail sheets). In general the rehabilitated pathway will run along the existing route, however, we have included some time to evaluate several shifts as warranted to eliminate the existing areas where safety railing is also failing. The final design will meet the specified City of Rochester Hills Pathway Design Standards and ADA Standards and may include a nominal amount (up to 3' high) of manufactured stone retaining walls. Attached is Table 1 that identifies the estimated manhours required to complete the various tasks identified for the project. As shown, the estimated cost to complete this work is \$45,000.00. It is proposed that this work be invoiced monthly on a time basis with a multiplier of 2.9 times direct payroll and will not be exceeded without prior authorization. This work will be complete within six (6) weeks following your authorization to proceed.

We hope this Proposal meets with your approval. Should you concur with this proposal, please sign below to serve as our authorization to proceed. Thank you again for considering us and we look forward to our continued service to Rochester Hills. If you have any questions or require any additional information, please contact the undersigned.



Very truly yours,

HUBBELL, ROTH & CLARK, INC.

  
\_\_\_\_\_  
Daniel W. Mitchell, P.E.  
Associate

Date: 6-5-07

Recommended by:  
CITY OF ROCHESTER HILLS

\_\_\_\_\_  
Marc Matich, Traffic Permit Technician

Date: \_\_\_\_\_

Approved by:  
CITY OF ROCHESTER HILLS

\_\_\_\_\_  
Bryan K. Barnett, Mayor

Date: \_\_\_\_\_

Attachment  
pc: HRC; W. Alix, File

**CITY OF ROCHESTER HILLS  
AVON ROAD PATHWAY IMPROVEMENTS**

**TABLE 1  
ESTIMATED HOURS AND FEES**

May 31, 2007

HRC Job No. 20070403.00

Task Description	Rate Classification & Estimated Hours						Total Hours
	Associate/ Project Manager	Engineer	Sr. Tech.	Technician	Survey Crew	Survey Office	
1 Topographical Survey	2				40	4	46
2 Survey File Processing						12	12
3 Draft Plans (75%)	8	120	100	100			328
4 Specifications	8	32					48
5 Final Plans	4	10		20			39
6 Engineer's Opinion of Construction Cost	2	4					6
7 Meetings (2)	4	8					13
8 Permits		8					8
9 P&S Reproduction				10			10
<b>PROJECT TOTALS</b>	<b>28</b>	<b>182</b>	<b>100</b>	<b>130</b>	<b>40</b>	<b>16</b>	<b>510</b>

ESTIMATED FEE SUMMARY

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	28	\$ 45.00	\$ 1,260.00
Engineer	182	\$ 30.00	\$ 5,460.00
Sr. Tech.	100	\$ 27.00	\$ 2,700.00
Technician	130	\$ 22.00	\$ 2,860.00
Survey Crew	40	\$ 65.00	\$ 2,600.00
Survey Office	16	\$ 27.00	\$ 430.00
Clerical	14	\$ 15.00	\$ 210.00
<b>TOTAL DIRECT PAYROLL</b>			<b>\$ 15,520.00</b>
<b>TOTAL INDIRECT PAYROLL (1.9)</b>			<b>\$ 29,480.00</b>
<b>TOTAL ESTIMATED COST</b>			<b>\$ 45,000.00</b>