

HUBBELL, ROTH & CLARK, INC

Consulting Engineers

Principals George E. Hubbell Thomas E. Biehl Walter H. Alix Peter T. Roth Michael D. Waring Keith D. McCormack Curt A. Christeson Thomas M. Doran

Chief Financial Officer J. Bruce McFarland

Senior Associates Frederick C. Navarre Gary J. Tressel Lawrence R. Ancyca Kenneth A. Melchior Dennis M. Monsere Randal L. Ford David P. Wilcox Timothy H. Sullivan

Associates Thomas G. Maxwell Nancy M.D. Faucht Jonathan E. Booth Michael C. MacDonald Marvin A. Olane James C. Hanson Richard F. Beaubien William R. Davis Daniel W. Mitchell Jesse R. VanDeCreek Robert F. DeFrain Marshall J. Grazioli Thomas D. LaCross

July 5, 2007

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

Attention: Mr. Paul Shumejko, P.E.

Traffic Engineer

Re: 2007 Pathway Improvements – South Boulevard Proposal to Provide Engineering Design Services

HRC Job No. 20070369.86

Dear Mr. Shumeiko:

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 24th email that identifies approximately 3,600 feet of new 8' wide bituminous pedestrian pathway along various portions of South Boulevard between Adams Road and Crooks Road as shown in Figure 1. 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. 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. HRC visited the proposed project area and identified the Lueders Drain and the wetland area east of the Drain as potential areas of concern that will need to be addressed as part of the design process. For the purposes of this proposal we have included time to evaluate these areas of concern by developing two (2) preliminary alternatives and presenting these to the City prior to final design. The presentation would include conceptual plans and estimated cost and would be presented at a meeting. It was also noted that a number of easements and/or right-of-way (ROW) needs appear likely. HRC has included time to identify the ROW needs for the project, but have not included any ROW acquisition services.

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 \$56,780.00. 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. The estimated project schedule is shown in Figure 2.

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.

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P. Shumejko 7-5-07 HRC Job Number 20070369 Page 2 of 2



Very truly yours,		
HUBBELL, ROTH & CLARK, INC.		
Daniel W. Mitchell, P.E. Associate	Date: 7-5-07	
Associate		
Recommended by: CITY OF ROCHESTER HILLS		
	Data	
Paul Shumejko, Traffic Engineer	Date:	
Approved by: CITY OF ROCHESTER HILLS		
Bryan K. Barnett, Mayor	Date:	

Attachment

pc: HRC; W. Alix, File

TABLE 1

ESTIMATED HOURS AND FEES

2007 PATHWAY IMPROVEMENTS (S. BOULEVARD) CITY OF ROCHESTER HILLS

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May

11.dy 3.1, 200 /							H	RC Job No.	HRC Job No. 20070369.86
			Rate	Classification	Rate Classification & Estimated Hours	Tours			
	Associate/						_		
	Project								
Task Description	Manager	Sr. Engineer	Engineer	Sr. Tech.	Technician	Survey Crew	Technician Survey Crew Survey Office	Clarical	Total House
1 Topographical Survey	2					33	2000		TOTAL TIONES
2 Survey File Processing						34	4 0		38
3 Draft Plans (pathway)	· ∝		100	50	20		8		5
4 Draft Plans (Lueders Drain & wetlands crossing)	×	80	202	70	30		****		208
5 ROW Requirements	2	4	700000	0+	0+0				891
6 Specifications	×		32				4		01
7 Final Plans		01	10	10	00			8	48
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PROJECT TOTALS	41	110	174	100	120	32	16	17	610

ESTIMATED FEE SUMMARY

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	41	\$ 45.00	\$ 1.850.00
Sr. Engineer	110	\$ 40.00	\$ 4400.00
Engineer	174	\$ 30.00	\$ 5.220.00
Sr. Tech.	100	\$ 27.00	\$ 2,700.00
Technician	120	\$ 22.00	\$ 2,640.00
Survey Crew	32	\$ 65.00	\$ 2,080.00
Survey Office	16	\$ 27.00	\$ 430.00
Clerical	17	\$ 15.00	\$ 260.00
TOTAL DIRECT PAYROLL			\$ 19,580.00
TOTAL INDIRECT PAYROLL (1.9)			\$ 37,200.00
TOTAL ESTIMATED COST			\$ 56.780.00

Notes: City will directly contract soil borings and wetland delineation.

CITY OF ROCHESTER HILLS 2007 PATHWAY IMPROVEMENTS (S. BOULEVARD)

Preliminary Schedule

HRC Job No. 20070369.86

			Year 2007	_					Year 2008	2008			
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