



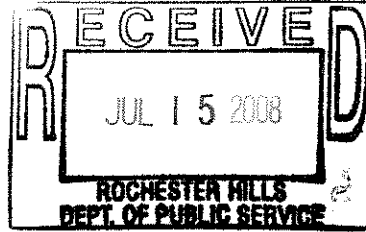
HUBBELL, ROTH & CLARK, INC
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July 2, 2008

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

Attention: Mr. Paul Davis, P.E., City Engineer
Mr. Dan Casey, Economic Development Manager

Re: Austin Drive Extension
Proposal for Engineering Services

HRC Job No. 20080251.86

Dear Messieurs:

As requested, Hubbell, Roth and Clark, Inc. (HRC) is pleased to provide Engineering services for the proposed project. Our scope of work is based on our current Early Preliminary Engineering (EPE) work and the continued progress of the Kirco Development project. Our services would include final design engineering, construction engineering and right-of-way acquisition services. It is noted that HRC has a contract to provide all of these services for the City of Rochester Hills.

As discussed, it is anticipated that this project will proceed in 2-3 phases. A brief description of these phases follows:

Phase 1A – Kirco Development: Under this phase of the project approximately 600’ of Austin Drive would be constructed in conjunction with the Kirco Development site improvements. This would include the proposed portion of Austin Drive from the intersection at Devondale to the eastern drive entrance, allowing full access to the site upon the proposed March opening. Design engineering services for this portion of the project would include technical plans and specifications only, because the bidding process would be included in the site development construction. In addition, ROW and construction engineering services are not necessary for this phase.

Phase 1B – Austin Drive: Under this phase of the project the remaining 200’ of Austin Drive would be constructed. This would include the Drain crossing between the existing termination of Austin Drive and the Phase 1A work. Design engineering services for this phase would include ROW acquisition services for two (2) properties and development of a full set of biddable contract documents. Full service construction engineering services such as contract administration, layout and observation are also included for this phase.

It is noted that in order to complete all Phase 1 work, details regarding the handling of storm water and water supply must be determined. This would include on-site versus regional storm water detention and fire flow needs for the Kirco Development, along with the handling of storm water for roadway drainage. This information is necessary to obtain permits from various agencies as

warranted for these utilities. It is also noted that the "draft" project schedule for the Kirco Development that was provided at our June 30, 2008 meeting identified a May 15, 2009 construction completion date. Should this later date now be the planned opening of the Kirco Development, the portion of Austin Drive described in Phase 1A would not be required to be advance constructed with the site development and would therefore be included as part of an entire Phase 1 bid package.

Phase 2 – Devondale Road: Under this phase of the project Devondale Road would be constructed. This would include improvements for the terminus/intersection at Austin Drive and the terminus at the north end of Devondale Road. Design engineering services for this phase would include ROW acquisition services for twelve (12) properties along Devondale and development of a full set of biddable contract documents to be included with the Phase 1B project. Provisions for storm water drainage and coordination/potential relocation of private utilities (i.e. DTE, AT&T, Comcast Cable, and Consumers Energy) are included. Construction engineering services for contract administration, layout and observation are included for this phase.

Listed on Table 1 is a breakdown of the proposed project tasks and the estimated hours. Listed on Table 2 is a summary of the hours and associated fees to complete this project broken down by Design Engineering Services, ROW Acquisition Services and Construction Engineering Services. These costs would be invoiced on a time basis in accordance with our current contract and will not be exceeded without prior authorization. For the purposes of this proposal the existing \$32,430.00 for the Early Preliminary Engineering (EPE) services that has already been authorized is also included in the total design fee summary cost of \$121,046.00.

For ROW Acquisition services HRC will follow the procedures for acquiring the necessary ROW/easements in compliance with Michigan Department of Transportation (MDOT) rules and regulations and Michigan Condemnation law. This will include title search, ROW document preparation and descriptions. Under subcontract, HRC will obtain independent appraisals for highway easement as required. Appraisal reviews will also be ordered to comply with MDOT guidelines. HRC will attempt to acquire all other easements using a simple easement valuation form and will only order appraisals when it is anticipated that Condemnation is possible or required to be in compliance with MDOT regulations. Should condemnation be necessary to meet the project schedule, HRC will be responsible for acquiring all Rights-of-Way (ROW), Easements, Deeds and Temporary Easements up to the point where condemnation proceedings begin. Should Condemnation proceedings be necessary, HRC will provide limited assistance to City Legal Counsel including suggested revisions to documentation and design suggestions wherever possible to minimize acquisition expense. All other services associated with Condemnation including matters such as legal proceedings, the sale or disposal of any fixtures acquired in takes of a property, or recording of executed conveyances are not included. Real Estate Appraisers will be available at a fixed hourly rate to assist the City and its Counsel in condemnation matters if necessary. As shown, the total cost of ROW Services is \$97,070.00.

As requested, construction engineering services for contract administration, layout and observation are shown for this project. Pending the availability of City staff, HRC can provide these services in full or part. It is anticipated that material testing services will be conducted by others. As shown, the total cost of construction services is \$180,118.00.

For the purposes of this proposal, a preliminary Project schedule is included as Figure 1. The schedule includes the work to-date from the EPE and identifies a June 1, 2009 completion for the Phase 1 Austin

Drive extension work to meet the currently proposed needs of the Kirco Development. The Phase 2 work along Devondale Road would be complete by July 31, 2009.

We thank you for your consideration of HRC and your request for our proposal and hope that the information provided meets the City's desires. We look forward to working with the City again and will be happy to meet with you at your convenience to discuss this project. Should you concur with this proposal, please sign below to serve as our authorization to proceed.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Walter H. Alix, P.E., P.S.
Vice-President

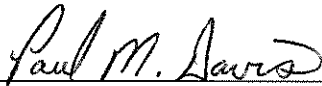


Daniel W. Mitchell, P.E.
Associate

Attachment

pc: HRC; J. Surhigh, J. Isaacs, File

Recommended by:
CITY OF ROCHESTER HILLS



Paul M. Davis, Engineer

Date: 7/22/08

Approved by:
CITY OF ROCHESTER HILLS

Bryan K. Barnett, Mayor

Date: _____

CITY OF ROCHESTER HILLS
AUSTIN DRIVE EXTENSION PROJECT

TABLE 1
ESTIMATED HOURS AND FEES

July 2, 2008

HRC Job No. 20080251

Task Description	Rate Classification & Estimated Hours										
	Associate/ Project Manager	Sr. Engineer	Engineer	Sr. Tech.	Technician	Senior ROW Agent	ROW Agent	Survey Crew	Observer	Clerical & Repro.	Total Hours
	\$ 46	\$ 42	\$ 34	\$ 30	\$ 24	\$ 45	\$ 38	\$ 63	\$ 20	\$ 20	
DESIGN - PHASE 1											
1 Phase 1A - Technical Plans & Specs	8	20	20	40						8	96
2 Phase 1B - Plans & Specs (Road)	8	50	20	20	20					8	106
3 Phase 1B - Plans & Specs (Utilities)	8	20	20	20	20					8	96
4 Phase 1B - Permits	8	20									28
5 Phase 1B - Bidding	8	20								8	36
6 Phase 1B - ROW Acquisition (2 Parcels)	4			4		40	20				68
7 Meetings/Coordination (4)	8	16								4	28
SUBTOTALS	52	146	40	84	40	40	20	-	-	36	458
DESIGN - PHASE 2											
1 Phase 2 - Draft Plans & Specs	16	40	40	80						16	192
2 Phase 2 - Final Plans & Specs	16	80			40					8	144
3 Phase 2 - Utility Coordination/Relocation	16	40								8	64
4 Phase 2 - Bidding (if not included in Phase 1)	8	20								8	36
5 Phase 2 - ROW Acquisition (12 Parcels)	16			20		200	100			8	344
6 Meetings/Coordination (4)	8	16								4	28
SUBTOTALS	80	196	40	100	40	200	100	-	-	52	808
CONSTRUCTION											
1 Field Layout	8			40				200			248
2 Observation	40								1,200	40	1,280
3 Contract Administration	100	200	150		100					40	590
SUBTOTALS	148	200	150	40	100	-	-	200	1,200	80	2,118
PROJECT TOTALS	280	542	230	224	180	240	120	200	1,200	168	3,384

Rochester Hills Austin Drive Extension

HRC Job No. 20080251



TASK NAME/DESCRIPTION	2008					2009									
	May	June	July	August	Sept.	Oct.	Nov.	Dec.	January	February	March	April	May	June	July
Authorization to Begin Work	◆														
Soil Investigation & Wetland Flagging (by others)															
EARLY PRELIMINARY ENGINEERING															
Topographical Survey															
Base Plans															
Meetings/Coordination	◆	◆	◆												
DESIGN															
Phase 1A - Technical Plans & Specs															
Phase 1B - Plans & Specs (Road)															
Phase 1B - Plans & Specs (Utilities)															
Phase 1B - Permits															
Phase 1B - Bidding (if not included w/ Phase 2)															
Phase 1B - ROW Acquisition (2 Parcels)															
Phase 2 - Draft Plans & Specs															
Owner Review															
Phase 2 - Final Plans & Specs															
Phase 2 - Utility Coordination/Relocation															
Phase 2 - ROW Acquisition (12 Parcels)															
Phase 2 - Bidding (if not included in Phase 1)															
Meetings/Coordination (8 Total)			◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
CONSTRUCTION															
Award Contract															
Phase 1 - Utilities															
Phase 1 - Austin Road															
Phase 2 - Devondale															

**CITY OF ROCHESTER HILLS
AUSTIN DRIVE EXTENSION PROJECT**

**TABLE 2
SUMMARY
ESTIMATED HOURS AND FEES**

July 2, 2008

HRC Job No. 20080251

DESIGN FEE SUMMARY (Does not include Geotechnical Investigation & Environmental Assessment by others)

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	112	\$ 46.00	\$ 5,152.00
Sr. Engineer	342	\$ 42.00	\$ 14,364.00
Engineer	80	\$ 34.00	\$ 2,720.00
Sr. Tech.	160	\$ 30.00	\$ 4,800.00
Technician	80	\$ 24.00	\$ 1,920.00
Clerical & Repro.	80	\$ 20.00	\$ 1,600.00
TOTAL DIRECT PAYROLL			\$ 30,556.00
TOTAL INDIRECT PAYROLL (1.9)			\$ 58,060.00
TOTAL ESTIMATED COST			\$ 88,616.00
EXISTING EPE SERVICES			\$ 32,430.00
TOTAL DESIGN SERVICES (Including EPE)			\$ 121,046.00

ROW ACQUISITION FEE SUMMARY

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	20	\$ 46.00	\$ 920.00
Senior ROW Agent	240	\$ 45.00	\$ 10,800.00
ROW Agent	120	\$ 38.00	\$ 4,560.00
Sr. Tech.	24	\$ 30.00	\$ 720.00
Clerical & Repro.	8	\$ 20.00	\$ 160.00
TOTAL DIRECT PAYROLL			\$ 17,160.00
TOTAL INDIRECT PAYROLL (1.9)			\$ 32,610.00
TOTAL ESTIMATED COST			\$ 49,770.00

ROW REIMBURSABLES

ITEM	QTY	UNIT COST	TOTAL
Appraisal For Partial Takes for Austin Drive	2	\$ 3,500.00	\$ 7,000.00
Appraisals & Comparables for Devondale Road	12	\$ 3,000.00	\$ 36,000.00
TOTAL REIMBURSABLE			\$ 43,000.00
TOTAL REIMB. COST (+10% Handling Fee)			\$ 47,300.00
TOTAL ROW SERVICES			\$ 97,070.00

CONSTRUCTION FEE SUMMARY (Does not include Material Testing by others)

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	148	\$ 46.00	\$ 6,808.00
Sr. Engineer	200	\$ 42.00	\$ 8,400.00
Engineer	150	\$ 34.00	\$ 5,100.00
Sr. Tech.	40	\$ 30.00	\$ 1,200.00
Technician	100	\$ 24.00	\$ 2,400.00
Survey Crew	200	\$ 63.00	\$ 12,600.00
Observer	1,200	\$ 20.00	\$ 24,000.00
Clerical & Repro.	80	\$ 20.00	\$ 1,600.00
TOTAL DIRECT PAYROLL			\$ 62,108.00
TOTAL INDIRECT PAYROLL (1.9)			\$ 118,010.00
TOTAL ESTIMATED COST			\$ 180,118.00