



**HUBBELL, ROTH & CLARK, INC**  
Consulting Engineers

**Principals**  
George E. Hubbell  
Thomas E. Biehl  
Walter H. Alix  
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Michael D. Waring  
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**Chief Financial Officer**  
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**Senior Associates**  
Gary J. Tressel  
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**Associates**  
Thomas G. Maxwell  
Nancy M.D. Faught  
Jonathan E. Booth  
Michael C. MacDonald  
Marvin A. Olane  
Richard F. Beaubien  
William R. Davis  
Daniel W. Mitchell  
Jesse B. VanDeCreek  
Robert F. DeFrain  
Marshall J. Grazioli  
Thomas D. LaCross  
Dennis J. Benoit  
James F. Burton

April 22, 2010

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

Attention: Mr. Paul Davis, P.E., City Engineer

Re: Proposal for Preliminary Engineering  
Technology Drive Extension to Adams Road

HRC Job No. 20090092.86

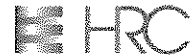
Dear Mr. Davis:

Hubbell, Roth and Clark, Inc. (HRC) is pleased to provide this proposal for Engineering Design services for the extension of Technology Drive to Adams Road. The project involves extending Technology Drive north approximately 250 feet to intersect with Adams Road, within MDOT Limited Access Right of Way. A right turn lane for eastbound Adams Road to southbound Technology Drive will be required. In addition, the project will include a new path along the west side of Technology Drive and require crossing two existing pedestrian facilities. The existing pedestrian facilities include the City's pathway along Adams Road and the Clinton River Trail.

We propose to provide these services as an extension of our recently completed Early Preliminary Engineering (EPE). As you're aware, the previous scope of work included preliminary meetings with stakeholders, topographic survey, the resolution of the release of MDOT limited access right of way (including legal description and sketches) and the delivery of an approved conceptual alignment for the project. The completion of this effort now allows HRC to finalize the design for construction bidding purposes.

The scope of this proposal includes finalizing the design of the road, right turn lane, drainage improvements and pathway relocations. The finalized designs will be submitted to MDOT, RCOC and OCWRC for permitting. Upon receipt of the approved permit applications, HRC will finalize the bid documents (engineer's opinion of costs, plans and specifications). It is our understanding that the City will bid the project and assemble the specification book using technical specifications and drawings provided by HRC. HRC will provide the City three (3) paper copies and one digital copy of the necessary contract documents. In addition, HRC will support the City with technical questions that may arise through the bidding process, with our scope of services ending once bids are received.

Please see the attached table summarizing the scope of work and the associated fees. As noted, HRC proposes to complete this project for a not to exceed amount of \$19,780. Allowing up to 3 weeks for the receipt of permits, HRC will deliver the contract documents to the City within 5 weeks following authorization to proceed.



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.

A handwritten signature in black ink that reads "Daniel W. Mitchell".

Daniel W. Mitchell, P.E.  
Associate

CEH/ch

Attachment

pc: HRC; W. Alix, N. Faught, C. Hart, File

Recommended by:

CITY OF ROCHESTER HILLS

A handwritten signature in black ink that reads "Paul M. Davis".

Paul Davis, City Engineer

Date: May 11, 2010

Approved by:

CITY OF ROCHESTER HILLS

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

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

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

**TABLE 1  
ESTIMATED HOURS AND FEES**

April 19, 2010

HRC Job No. 20090092

| Task Description   | Rate Classification & Estimated Hours |                               |           |           |                      | Total Hours | Estimated Fees<br>(x 2.9) |
|--|---------------------------------------|-------------------------------|-----------|-----------|----------------------|-------------|---------------------------|
|  | Associate/<br>Project<br>Manager      | Senior<br>Project<br>Engineer | Designer  | Sr. Tech. | Clerical &<br>Repro. |             |                           |
| <b>PRELIMINARY ENGINEERING</b>                                     |                                       |                               |           |           |                      |             |                           |
| 1 Meetings (3 Total)   | 6                                     | 6                             |           | 4         |                      | 16          | \$ 1,800                  |
| 2 Prepare Permit Applications & Submittals                         | 2                                     | 16                            |           | 44        |                      | 62          | \$ 5,830                  |
| 3 Prepare specifications   | 2                                     | 8                             |           |           | 8                    | 18          | \$ 1,600                  |
| 4 Finalize Plans (permit modifications, prepare plans for bidding) | 8                                     | 32                            | 12        | 50        | 8                    | 110         | \$ 10,540                 |
| <b>SUBTOTALS</b>   | <b>18</b>                             | <b>62</b>                     | <b>12</b> | <b>98</b> | <b>16</b>            | <b>206</b>  | <b>\$ 19,770</b>          |
| <b>PROJECT TOTALS</b>  | <b>18</b>                             | <b>62</b>                     | <b>12</b> | <b>98</b> | <b>16</b>            | <b>206</b>  | <b>19,770</b>             |

**ESTIMATED FEE SUMMARY**

| PERSONNEL                           | HOURS | RATE     | TOTAL               |
|-------------------------------------|-------|----------|---------------------|
| Associate/ Project Manager          | 18    | \$ 46.00 | \$ 828.00           |
| Senior Project Engineer             | 62    | \$ 37.50 | \$ 2,325.00         |
| Designer                            | 12    | \$ 34.00 | \$ 408.00           |
| Sr. Tech.                           | 98    | \$ 30.00 | \$ 2,940.00         |
| Clerical & Repro.                   | 16    | \$ 20.00 | \$ 320.00           |
| <b>TOTAL DIRECT PAYROLL</b>         |       |          | <b>\$ 6,821.00</b>  |
| <b>TOTAL INDIRECT PAYROLL (1.9)</b> |       |          | <b>\$ 12,960.00</b> |
| <b>TOTAL ESTIMATED COST</b>         |       |          | <b>\$ 19,781.00</b> |