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March 26, 2021

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

Attn: Mr. Ken Elwert, CPRE
Director of Parks and Natural Resources

Re: Innovation Hills – South Loop Boardwalk Construction
Proposal for Engineering Services
Construction Administration and Oversight

HRC Job No. 20170822.34

Dear Mr. Elwert:

Hubbell, Roth & Clark, Inc. (HRC) is pleased to offer engineering services to the City of Rochester Hills for the subject project. We propose that all items of work herein be completed under the terms and conditions of our existing Agreement for Professional Engineering Services.

The proposed construction of South Loop Boardwalk for Innovation Hills was bid under separate contract. We are recommending the project be awarded to the low bidder, L.J. Construction, Inc. in the amount of \$634,200.00. They proposed an alternative grade of lumber, 2400f-2.0E MSR, for the joists and headers due to a reported shortage in the specified Select Structural grade lumber. HRC is recommending the acceptance of this alternative material as it either meets or exceeds the material properties of the specified lumber in the bid documents.

The City has requested HRC provide construction engineering services for construction. A breakdown of our proposed services and budgeted hours are summarized below and in the following table:

1. Construction Layout – under this task HRC will stake the center line of the boardwalk and helical pier locations one time. Should the contractor damage the staking or require additional staking due to sequencing or operations, we will seek compensation from the contractor to pay for these costs. However, the City would compensate HRC for this work then deduct or negotiate these costs from the contractor.
2. Observation and Field Engineering – under this task HRC will provide part-time onsite field observer(s) to monitor the Contractor's work. Our observer will handle quantity verification at the end of each workday and prepare daily reports. HRC will provide on-site inspection of SESC measures after significant rainfall events and prepare corresponding SESC reports.
3. Contract Administration – under this task HRC will provide submittal reviews, shop drawing preparation, pay estimates, and meetings with the City and contractor.

Delhi Township
2101 Aurelius Rd.
Suite 2A
Holt, MI 48842
517-694-7760

Detroit
535 Griswold St.
Buhl Building, Ste 1650
Detroit, MI 48226
313-965-3330

Grand Rapids
801 Broadway NW
Suite 215
Grand Rapids, MI 49504
616-454-4286

Howell
105 W. Grand River
Howell, MI 48843
517-552-9199

Jackson
401 S. Mechanic St.
Suite B
Jackson, MI 49201
517-292-1295

Kalamazoo
834 King Highway
Suite 107
Kalamazoo, MI 49001
269-665-2005

Lansing
215 S. Washington SQ
Suite D
Lansing, MI 48933
517-292-1488

Task Description	Hours	Rate	Total
1 Construction Layout	130	\$ 140	\$ 18,200
2 Observation and Field Engineering	370	\$ 100	\$ 37,000
3 Contract Administration	225	\$ 120	\$ 27,350
Total			\$ 82,550

We are proposing Mr. Roland N. Alix, P.E. as the Project Manager. Mr. Alix will be supported by Mr. Remington J. Koch, F.E. and other HRC staff including, Structural Engineers, Construction Observers, Surveyors, and Field Engineers. Utilizing a blended rate summarized in the table above, we propose a **not-to-exceed budget of \$82,550.00** to complete the scope of this project.

Note: This proposal assumes the City will be using its existing material testing contractor to perform material testing if necessary.

Should you concur with this proposal, please sign below to serve as our authorization to proceed. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Roland N. Alix, P.E.
Vice President

pc: Rochester Hills; L. Cummins

Recommended by:
CITY OF ROCHESTER HILLS

Ken Elwert, Parks and Natural Resources Director

Date: _____

Approved by:
CITY OF ROCHESTER HILLS

Bryan K. Barnett, Mayor

Date: _____