

January 25, 2019

Mr. Ken Elwert, CPRE
Director of Parks and Natural Resources
City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, MI 48309

Re: Innovation Hills Recreation Area
Job No. PR19-026

Dear Mr. Elwert:

Spalding DeDecker (SD) is very pleased to have this opportunity to present this proposal to provide engineering services for the development of the Recreation Area at Innovation Hills. The concept plan for the Recreation Area was generated by Nunez Design and includes a detailed entrance to the area along with a gazebo, climbing Globe, custom tree house, water feature and various other amenities. We understand that the concept is subject to change and that the layout or amenities may change. The following conceptual cost estimate and associated fee is based on the concept plan and will vary as the final plan and layout is completed.

The preliminary cost estimates have been divided into two areas, the Recreation Entrance (Phase 1) and the Recreation Area (Phase 2). The entrance is considered the main entry from the parking and consists of various raised bed landscape areas, a climbing “Globe” that functions as an art piece and a picnic shelter. The picnic shelter’s design will compliment the overall feel of the park, and will be detailed during the preliminary design process with a complete set of construction drawings generated as part of the site work.

The Recreation Area is the remainder of the approximately 3.2 acres, which a portion has already been completed, the sensory garden and the children’s garden. The concept has walkways winding through the area that lead to the various play structures and amenities. One of the main focal points to the area is tree house tower, the final design has not been determined, that will have an elevated walkway leading to one the pathways. The area will also include water play area that will have flowing water and include areas that all individuals in some way the opportunity to join in the experience. The area is rounded out with various types of swings, rope play house, tree house net climber and sky run zip track. The area will have something for all ages and abilities, with some features considered all-inclusive. Some of the amenities will be placed in such a manner as to create a quieter place or “cocoon” feeling to allow people with special needs to relax and wind down when needed.



SCOPE OF WORK

Spalding DeDecker will generate detailed site engineering plans to be used for permitting, bidding and construction of the recreation area. SD will work closely with Nunez Design to finalize the site amenities and layout throughout the process of creating the site engineering drawings.

Our scope of services will include the following tasks:

- Prepare an updated topographic survey
- Prepare preliminary plans through close collaboration with the Nunez Design and the City for the Recreation Entrance and the Recreation Area.
- Attend meetings planning and design meetings with the City, residents and other stakeholders to finalize the layout of the recreation area.
- Coordinate geo-technical services with the City's preferred engineer, TEC.
- Prepare engineering drawings and specifications for permitting, bidding and construction. The plan sets will include at a minimum:
 - Cover Sheet
 - Notes and Details
 - Topographic Survey/Demo Plan
 - Site Plan
 - Site Grading Plan/Stormwater Control
 - Site Utility Plan
 - Entrance Details
 - Picnic Shelter Details
 - Water Feature Details, including pump design
 - Amenity Details
 - City Standard Details, as needed.
- Prepare all permit applications.
- Assist with the bidding process.
- Conduct a pre-construction meeting
- Provide construction engineering services
- Provide construction inspection

Spalding DeDecker understands the Concept Plans are a work in progress and may change as we work through the process. We will adjust are plans and specifications as needed to complete this exciting park for the City.

FEE

We propose to provide the above noted work on an hourly basis in accordance with our rate and fee schedule for a not to exceed fee of **\$198,650.00**. Please see the breakdown below as well as the attached preliminary opinions of probable cost generated for budgetary purposes. Landscaping has not been included in the estimates.



	Phase 1	Phase 2
Update Topographic Survey (Entire Site)	\$ 6,515.00	
Recreation Entrance Design (Preliminary and Final)	\$25,175.00	
Recreation Area (Preliminary and Final)		\$65,250.00
Construction Engineering (4% & 6.5% of Bid Price) Estimated	\$20,385.00	\$52,525.00
Construction Inspection (Crew Days Bid, \$720/day)	<u>\$7,200.00</u>	<u>\$21,600.00</u>
TOTAL	\$59,275.00	\$139,375.00
Geo-Technical Report (City consultant, TEC) estimated	\$7,900.00	\$26,300.00
Material Testing (City Consultant, TEC) estimated	\$6,300.00	\$26,300.00

Spalding DeDecker has worked on many park projects throughout the years but most recently we have worked on projects, including various projects for Plymouth Township such as an all-inclusive play area supplied by Miracle Midwest, ball field lighting and we are currently working on a picnic shelter for another park in the Township. We have also completed the design and bidding of a 30 acre soccer park for the City of Novi that will be constructed this spring and provided engineering and construction oversight for a skate park in Armada Township.

Thank you again for this opportunity to work with you and we look forward to hearing from you soon. If this proposal is acceptable, please forward us a purchase order for execution.

Thank you and please contact us if you have any questions regarding this proposal.

Sincerely,

SPALDING DEDECKER

David E. Richmond, P.E.
Senior Project Manager

C: Preliminary opinions of probable cost Phase 1
Preliminary opinions of probable cost Phase 2