



**CITY OF NOVI CITY COUNCIL
DECEMBER 16, 2019**

SUBJECT: Approval to award design engineering services to Spalding DeDecker for new pickleball courts at Wildlife Woods Park, in the amount of \$18,400.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division
Parks, Recreation, and Cultural Services

EXPENDITURE REQUIRED	\$ 18,400.00
AMOUNT BUDGETED	\$ 138,000
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	208-691.00-977.089

BACKGROUND INFORMATION: The sport of pickleball has continuously grown in popularity during the past several years, especially among the older adult population. With the older adult population increasing and multiple local pickleball groups contacting the City in search of courts to use, creating dedicated pickleball courts is the preferred response to this need rather than markings on existing tennis courts.

PRCS has been seeking an appropriate location to install pickleball courts in Novi. Factors in consideration include noise generated by the courts, accessibility to the courts and available space for construction. With a new access drive from Wixom Road, new parking lot adjacent to the park shelter and proximity to the ITC Trail, Wildlife Woods Park is an ideal location for construction. The courts would also provide an additional revenue stream through leagues and tournaments.

The design proposal includes four (4) pickleball courts adjacent to the existing pavilion, with an ADA compliant walkway and benches. Spalding DeDecker's (SDA) engineering fees are based on the fixed fee schedule established in the Agreement for Professional Engineering Services for Public Projects. The design fees for this project will be \$18,400, 11% of the estimated construction cost of \$167,320. Spalding DeDecker's design proposal is enclosed and includes the project scope and schedule.

The Novi Parks Foundation is contributing \$100,000 towards the project, which will be included on the 2nd Quarter Budget Amendment to Council. These funds will offset

the remaining \$100,000 needed. Design of this project would begin following award with construction estimated to begin in May 2020.

RECOMMENDED ACTION: Approval to award design engineering services to Spalding DeDecker for new pickleball courts at Wildlife Woods Park, in the amount of \$18,400.

Wildlife Woods Pickle Ball Courts Location Map



Map Author: Rebecca Runkel
 Date: 12/4/19
 Project: Wildlife Woods Pickle Ball Courts
 Version #: 1.0

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



Approximate Pickle Ball Court Location

		04	03	02	01
		09	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36



City of Novi

Engineering Division
 Department of Public Works
 26300 Lee BeGole Drive
 Novi, MI 48375
cityofnovi.org



Approximate Location of Pickleball Courts



Pickleball Court Examples



August 22, 2019

Mr. Jeff Herczeg
Director of Public Works
City of Novi
26300 Lee Begole Drive
Novi, MI 48375

Re: Wildlife Woods Park - Pickle Ball Courts
Job No. PR19-372

Dear Mr. Herczeg:

Spalding DeDecker (SD) is very pleased to have this opportunity to present this proposal to provide engineering services for the design of 4 pickle ball courts at Wildlife Woods Park. The new courts will be added adjacent to the existing pavilion and will include an ADA walkway, benches and allow for future courts, if needed.

SCOPE OF WORK

Spalding DeDecker will generate detailed site engineering plans to be used for permitting, bidding and construction of the pickle ball courts.

Our scope of services will include the following tasks:

- Meet with City staff to finalize detailed scope of the project.
- Prepare a topographic survey of the area.
- Prepare preliminary plans for review.
- 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
 - City Standard Details, as needed.
- Assist with the bidding process.
- Conduct a pre-construction meeting
- Provide construction engineering services
- Provide construction inspection

Construction Cost Estimate and Proposed Fees

Based on our pre-qualification status with the City, engineering design fees are based on a percentage of the pre-design construction cost estimate. The fee percentage used depends on the type of services to be



provided based on the proposed work. However, the nature of this project does not correlate to the types of services pre-established in the fee table. The fees below are based on estimated hours to complete the work.

FEE

We will perform the work for the following lump sum fees:

Survey

Topographical Survey: \$ 3,200.00 lump sum

Engineering

Site Plan, Construction Documents, and Bidding: \$15,200.00 lump sum

TOTAL FEE \$18,400.00 lump sum

The above fees do not include construction engineering or inspection. Those fees will be determined after receiving bids.

Project Schedule

The following summarizes the anticipated schedule for the project:

Milestone	Completed By
Council Award	9/23/19
Topographic Survey	10/25/19
Site Plan	10/31/19
Construction Documents	11/21/19
100% Bid Package & Advertising	12/20/19
Bid Opening	1/21/20
Construction Contract Award by Council	2/2020
Construction Start, estimated	5/2020
Construction Completion, estimated	7/2020

Thank you for your selection of SD to provide design services for the Proposed Park project. Please do not hesitate to contact me if you have any questions or comments regarding this submittal.

Sincerely,

SPALDING DEDECKER ASSOCIATES, INC.

**David E. Richmond, PE
Senior Project Manager**

C: Preliminary opinions of probable cost

PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Wildlife Woods Park - Pickle Ball Courts
CLIENT NAME: City of Novi
PREPARED BY: DER

PROJECT NO: PR19-372
DATE: 20-Aug-19

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Bonds, Insurance and Mobilization (5% Max)	1	LS	\$ 8,000.00	\$ 8,000.00
2	Soil Erosion Control Measures	1	LS	\$ 1,000.00	\$ 1,000.00
3	Pickle Ball Courts	4	EA	\$ 22,000.00	\$ 88,000.00
4	Grading	1	LS	\$ 20,000.00	\$ 20,000.00
5	Conc Sidewalk	980	SF	\$ 6.50	\$ 6,370.00
6	Aggregate, 6 inch, 21AA	910	SY	\$ 20.00	\$ 18,200.00
7	Bike Racks	1	EA	\$ 750.00	\$ 750.00
8	Trash / Recycle Containers	2	EA	\$ 500.00	\$ 1,000.00
9	Benches	2	EA	\$ 800.00	\$ 1,600.00
10	Fence	340	LF	\$ 35.00	\$ 11,900.00
11	Restoration	1	LS	\$ 10,500.00	\$ 10,500.00

PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST: \$ 167,320.00

ENGINEERING FEES (11.0%): \$ 18,406.00

GEOTECHNICAL (2.5%): \$ -

DESIGN CONTINGENCY (0%): \$ -

CONSTRUCTION ADMINISTRATION (6.5%): \$ 10,876.00

Crew Days: 15 DAYS @ \$ 700.00 \$ 10,500.00

CONSTRUCTION MATERIAL TESTING (3.0%): \$ 5,020.00

CONSTRUCTION CONTINGENCY (10%): \$ 19,372.00

Total Estimated Cost: \$ 231,494.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Notes: