

RESOLUTION R-23-25

**A RESOLUTION AUTHORIZING THE EXECUTION OF AN AGREEMENT
BETWEEN THE VILLAGE OF CAMPTON HILLS, KANE COUNTY, ILLINOIS AND
HR GREEN, INC. FOR PAVEMENT EVALUATION SERVICES**

WHEREAS, the Village of Campton Hills, Kane County, Illinois (the “*Village*”) is a duly organized and existing municipal corporation created under the provisions of the laws of the State of Illinois and under the provisions of the Illinois Municipal Code, as from time to time supplemented and amended; and

WHEREAS, the Village and HR Green, Inc. desire to execute a professional services agreement for pavement evaluation services (the “*Agreement*”) alongside Roadbotics Inc.; and

WHEREAS, the Village has a satisfactory relationship with HR Green, Inc.; and

WHEREAS, the Village President and Board of Trustees of the Village of Campton Hills (the “*Corporate Authorities*”) deem it advisable and in the best interest of the health, safety and welfare of the residents of the Village to enter into the Agreement.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Campton Hills, Kane County, Illinois, as follows

Section 1. That the above recitals and legislative findings are found to be true and correct and are hereby incorporated herein and made a part hereof, as if fully set forth in their entirety.

Section 2. The Agreement by and between the Village and HR Green, Inc., which is attached hereto and made a part hereof as Exhibit A, is hereby approved in substantially the form presented to the Village Board with such necessary non-material changes as may be authorized by the Village President, the execution thereof to constitute the approval by the Village of any and all changes or revisions therein contained.

Section 3. That the officials and officers of the Village are further hereby authorized to undertake actions on the part of the Village as contained in the Agreement to complete satisfaction of the provisions, terms or conditions stated therein

Section 4. If any section, paragraph, clause or provision of this Resolution shall be held invalid, the invalidity thereof shall not affect any other provision of this Resolution.

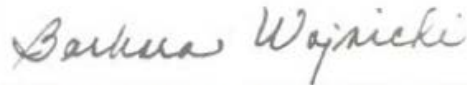
Section 5. All ordinances, resolutions, motions or orders in conflict with this Resolution are hereby repealed to the extent of such conflict.

Section 6. This Resolution shall be in full force and effect upon its passage, approval, and publication in the manner provided by law.


Passed this 19th day of September 2023, pursuant to a roll call vote as follows:

	AYES	NAYES	ABSENT	ABSTAIN
Trustee Nicolas Boatner	_____	_____	_____	_____
Trustee Janet Burson	_____	_____	_____	_____
Trustee Jim McKelvie	_____	_____	_____	_____
Trustee Mike Millette	_____	_____	_____	_____
Trustee Edward Muncie	_____	_____	_____	_____
Trustee Timothy Morgan, Sr.	_____	_____	_____	_____
President Barbara Wojnicki	_____	_____	_____	_____

APPROVED this 19th day of September, 2023


Barbara Wojnicki, Village President

(SEAL)
ATTEST:


Tracy Johson, Village Clerk



Simple Scope Short Form Agreement

Project: Pavement Evaluation Services Project No: 220620
10.09 – CIP
Phase No(s): Development
Date: 09/05/2023

Client: Village of Campton Hills
Contact: Ms. Denise Burchard
Title: Village Administrator
Address: 40W270 LaFox Road, Suite B
City/State/Zip: Campton Hills, IL 60175
Phone/Fax No. 630-524-6252 / FAX 630-584-5775

The CLIENT agrees to employ HR Green, Inc. (COMPANY) to perform the following services:

As a part of the role as Village Engineer, and as per direction received during Village Board and Public Works Committee meetings, COMPANY proposes to provide the following services to the CLIENT. This task order is for a task on which work has not yet started.

1. Project Understanding

1.1. General Understanding

The project is located on the approximately 93 centerline miles of various roads and streets under the jurisdiction of the CLIENT. The study will consist of data collection, roadway pavement assessment, pavement condition ranking, GIS map of the road network, and preparation of a multi-year maintenance plan with estimated costs and recommendations.

1.2. Design Criteria/Assumptions

The CLIENT will enter into a separate agreement with RoadBotics to perform the pavement condition analysis and ranking of all centerline miles under CLIENT jurisdiction (estimated to be 93 centerline miles). The Roadbotics evaluation will also include a separate evaluation of both sides of Fox Mill Boulevard so that they are independently ranked, resulting in one additional mile of roadway evaluation.

The COMPANY will support the pavement assessment and will prepare a multi-year maintenance plan encompassing twenty-five (25) miles of roadway. The CLIENT historically has completed a two (2) mile resurfacing program annually, and within the last few years this has increased to approximately three (3) miles per year. At

two (2) to three (3) miles per year it will take approximately a cycle of between thirty one (31) to nearly fifty (50) years for the CLIENT to resurface each road within the Village, while the service life of asphalt pavement is typically around twenty (20) years if routine maintenance programs (cracksealing, pavement rejuvenation, etc) are in effect. Considering these rates, and with the understanding that the annual roadway improvement program should have a goal of ultimately being increased to the range of 5 to 6 miles per year (17 to 20-year cycle), COMPANY will make recommendations and cost estimates for a five (5) year maintenance plan encompassing twenty-five (25) miles which provides for planning projections for a five-year Capital Improvement Program. These twenty-five (25) miles may be the lowest rated roadways, or may be comprised of such other segments as the CLIENT directs, and the CLIENT and COMPANY shall jointly agree on said list of twenty-five (25) miles of roadways prior to beginning preparation of recommendations and cost estimates. It is noted that approximately twenty (20) miles of the twenty-five (25) miles that were included in the prior 2021 Five-Year CIP have not yet been improved or resurfaced. It is assumed that those will remain included in the upcoming Five-Year CIP, so the CLIENT and COMPANY shall jointly agree on additional roadways necessary to reach the twenty-five (25) mile list.

Included also herein, the COMPANY has provided a fee rate to include additional miles into the multi-year maintenance plan for CLIENT consideration.

2. **Scope of Services**

The CLIENT agrees to employ COMPANY to perform the following services:

2.1. Roadway Pavement Assessment (By subconsultant)

Data Collection & Pavement Rating

Under a separate agreement, the CLIENT will retain a separate consultant (RoadBotics) to perform the initial roadway pavement assessment over the 93 centerline miles of street under CLIENT jurisdiction. The roadway pavement assessment will include the following tasks as further defined in the RoadBotics proposal which is being considered under separate action by the CLIENT:

COMPANY will perform data collection services to drive each roadway following a turn by turn route designated by Roadbotics utilizing the Roadbotics map app. Data collection is limited to the hours of three hours after sunrise to three hours before sunset in order to minimize the impacts of sun glare.

COMPANY will sync with Roadbotics to provide them the video data for their analysis of the roadway conditions, in which approximately every ten feet (10') along the road, the pavement section is scored using an advanced machine learning algorithm. The scoring ranks the pavement condition on a one to five (1-5) scale that runs from good condition to poor condition, respectively. Individual rankings of each 10-foot segment

will be obtained, and summary rankings of each roadway segment between intersecting sidestreets will be obtained also.

Pavement Scoring Road Map

Scoring data collected will be accumulated in both tabular form (CSV file) and GIS form (SHP file). RoadBotics will produce a GIS base map defining the centerline miles for the CLIENT's road network. The road map will visually depict the analyzed pavement condition of the 93 centerline miles.

Pavement Maintenance Plan

COMPANY will utilize the collected pavement scoring data and will evaluate twenty-five (25) miles of roadway for incorporation into a multi-year pavement maintenance plan. These twenty-five (25) miles may be comprised of the lowest ranked twenty-five (25) miles, or such other combination of roadways as the CLIENT directs. For the purposes of this contract we are assuming a five (5) year maintenance plan at approximately five (5) centerline miles per year. The length of plan (years) can be adjusted, plus or minus, depending on CLIENTS input regarding constraints such as budget; however, the twenty-five (25) miles will remain consistent unless otherwise directed/approved by the CLIENT. The multi-year plan will include maintenance recommendations, such as resurfacing, crack sealing or seal coating, for each street included within the selected twenty-five (25) miles. The multi-year plan will also include preliminary cost estimates of the recommendation maintenance activities.

COMPANY will perform field visits to confirm pavement condition and collected scoring data on the selected twenty-five (25) miles of roadway. COMPANY will also perform field measurements to collect pavement area data (length and widths) for cost estimate calculations.

Pavement Maintenance Road Map

COMPANY will produce a roadway maintenance map depicting the roads to receive maintenance in the appropriate year. The GIS map will be color coded and adjustable as conditions change from year to year with future pavement evaluations.

Project Administration, Coordination and Meetings

Project Administration and Coordination will involve the management oversight of the project which will include the on-going review of the project execution, documentation, schedule and budget, contract file management, and general correspondence between COMPANY and the CLIENT.

Anticipated meetings include:

1. An initial kickoff meeting with the CLIENT to review the overall project and scope of work to ensure that the goals and objectives of the CLIENT will be satisfied.
2. Four coordination meetings (conference calls) with Roadbotics consultant for coordination of their data for CLIENT use.

3. Project review meeting with the CLIENT to review results of the data collection and pavement condition map, prior to the start of preparing the multi-year maintenance plan.
4. Public Works Committee meeting to present the results of the final pavement evaluation study.
5. Village Board meeting to present the results of the final pavement evaluation study.

COMPANY will prepare/distribute meeting minutes of all meetings attended which will detail the discussions of attendees along with the action required of the attendees.

3. **Deliverables Included in this Agreement**

COMPANY will provide a multi-year plan for the maintenance of the selected twenty-five (25) miles of roadways. The multi-year plan will consist of a color coded GIS map depicting the proposed year of maintenance. The multi-year plan will also consist of the pavement maintenance recommendations for each street and associated preliminary cost estimates in tabular format (Excel).

4. **Items not included in Agreement/Supplemental Services**

The following items are not included as part of this agreement:

Study/report narrative

Pavement borings/cores

Topographic survey

Supplemental services not included in the agreement can be provided by COMPANY under separate agreement, if desired.

5. **Services by Others**

Under a separate contract with the CLIENT, Roadbotics will prepare the overall pavement ranking analysis for all 93 miles of roadway, which will form the basis for the COMPANY services.

6. **Client Responsibilities**

Provide Pavement Scoring and analysis to be provided by other consultant (Roadbotics) under separate contract with CLIENT.

Provide Pavement Scoring Map to be provided by other consultant (Roadbotics) under separate contract with CLIENT.

The CLIENT agrees to pay COMPANY for the above scope of services:

Time & Material, Not to Exceed in the amount of:

1. Multi-year Maintenance Plan
TOTAL = \$19,125

At the direction of the CLIENT, the COMPANY can increase the centerline length of roads included in the multi-year maintenance plan at an established rate of \$325 per centerline mile over and beyond the initial twenty-five (25) miles.

- Reimbursable Expenses Included
- Sub- Consultant Services Included
- Prepayment Required for Services to Commence

Copy To:

- Accounting
- Ms. Barbara Wojnicki, Village of Campton Hills Village President
- Mr. Scott Marquardt, HR Green Village Engineer

TERMS AND CONDITIONS

This Short Form Agreement is an addendum to and considered part of the Professional Services Agreement with the Village of Campton Hills executed per Resolution R-22-08 on May 3, 2022. All terms and conditions contained in that agreement apply to this Short Form Agreement.

This agreement is approved and accepted by the CLIENT and COMPANY upon both parties signing and dating the agreement. Services will not begin until COMPANY receives a signed agreement. The effective date of the agreement shall be the last date entered below.

VILLAGE OF CAMPTON HILLS

HR GREEN, INC.

Accepted by: _____

Approved by: Timothy J. Hartnett

Printed/
Typed Name: _____

Printed/
Typed Name: Timothy J. Hartnett

Title: _____

Title: Principal/President
Governmental Services Central

Date: _____

Date: August 25, 2023

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