

**RESOLUTION NO. R-19-35**

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**Section 5.** All ordinances, resolutions, motions or orders in conflict with this Resolution are hereby repealed to the extent of such conflict.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

*Intentionally Left Blank*

Passed this 15<sup>th</sup> day of October, 2019, pursuant to a roll call vote as follows:

|                              | AYES  | NAYES | ABSENT | ABSTAIN |
|------------------------------|-------|-------|--------|---------|
| Trustee Darlene Bakk         | ✓     | _____ | _____  | _____   |
| Trustee Susan P George       | ✓     | _____ | _____  | _____   |
| Trustee Jim McKelvie ①       | ✓     | _____ | _____  | _____   |
| Trustee Mike Millette        | ✓     | _____ | _____  | _____   |
| Trustee Michael O'Dwyer ②    | ✓     | _____ | _____  | _____   |
| Trustee Wendy K. White Eagle | _____ | _____ | ✓      | _____   |
| President Michael Tyrrell    | _____ | _____ | _____  | _____   |

APPROVED this 15<sup>th</sup> day of October, 2019

  
Michael Tyrrell, Village President

(SEAL)

ATTEST:

  
Lynn Baez, Village Clerk

Exhibit A

*Agreement*



## Simple Scope Short Form Agreement

Project: Pavement Evaluation Services

Project No: 190042

Phase No(s): 1

Date: 09/18/2019

Client: Village of Campton Hills

Contact: Mr. Ron Searl

Title: Village Administrator

Address: 40W270 LaFox Road, Suite B

City/State/Zip: Campton Hills, IL 60175

Phone/Fax No. 630-584-5700 / 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 101 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 data collection and pavement condition ranking of all centerline miles under CLIENT jurisdiction (estimated to be 102 centerline miles). The Roadbotics evaluation will include 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 currently typically undertakes a two (2) mile resurfacing program annually. At two (2) miles per year it will take approximately a fifty (50) year cycle for the CLIENT to resurface each road within the Village, while the service life of asphalt pavement is

typically around twenty (20) years. Considering these rates, and with the understanding that the annual maintenance plan 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.

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 101 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: 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 101 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. Two 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 101 miles of roadway, which will form the basis for the COMPANY services.

**6. Client Responsibilities**

Provide data Collection and Pavement Scoring to be provided by other consultant under separate contract with CLIENT.

Provide Pavement Scoring Map to be provided by other consultant 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 = \$17,125

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
- Mr. Mike Tyrrell, Village of Campton Hills Village President
- Mr. Scott Marquardt, HR Green Village Engineer

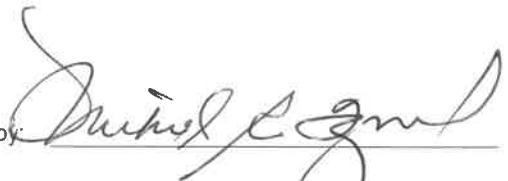
TERMS AND CONDITIONS


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-19-10 on May 7, 2019. 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:   
Printed/  
Typed Name: MICHAEL R. TYRRELL

Approved by:   
Printed/  
Typed Name: Timothy J. Hartnett

Title: President

Title: Principal/Vice President  
Governmental Services Midwest

Date: ~~10/30~~ 10/15/2019

Date: September 18, 2019