AECOM

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January 3, 2022

Bill McKenna, P.E.
Village Engineer
Village of Oak Park
201 South Blvd
Oak Park, IL 60302
708.358.5722
mckenna@oak-park.us

RE: Pavement Management Program Support Services

Dear Mr. McKenna,

AECOM Technical Services, Inc. (AECOM) is pleased to submit our proposal to the Village of Oak Park (Village) for Pavement Management Support Services described in the proposal section below.

Our proposal includes scope and fee to perform a Pavement Condition Index (PCI) Inspection on Village alleys, PAVER software updates, roadway budget analysis and capital planning, and pavement engineering support including design, specifications, and material reviews. AECOM brings specific, relevant knowledge of local pavement practices well as our nationwide experience in best practices in planning, design, and management of municipal pavements and are excited to support the Village in their efforts to maintain a healthy pavement network.

AECOM looks forward to working with the Village on this effort. This proposal is contingent on our ability to successfully negotiate and execute a mutually acceptable agreement covering these services. If you have any questions or require further information regarding our submittal, please do not hesitate to contact us. I can be reached at 312-373-6736 or via email at tim.whalen@aecom.com.

Sincerely,

Timothy Whalen, PE

Vice President

AECOM Technical Services, Inc.

Pavement Management Program

SCOPE OF SERVICES

The pavement management scope of service tasks is as described below. The tasks shall be performed on an as-needed basis when requested by the Village up to the level of effort included in this proposal. This scope of work assumes estimated hours for each task as indicated in the Table at the end of this document.

Task 1   PAVER™ Pavement Management Database Updates

AECOM shall assist the Village with updating the PAVER database and GIS database with the following information:

- Pavement work/construction record update for roadways and alleys.
- Pavement inventory updates and sectioning changes for roadways and alleys.
- Inclusion of additional information in the PAVER database such as traffic (ADT), soil type, core thickness, water/sewer age for corresponding roadway, etc.

Deliverable:

- Updated PAVER database and GIS.

Task 2   Alley Condition Survey

AECOM will assist the Village with performing pavement condition inspections on Village alleys. The Village maintains approximately 57 miles of alleys comprised of asphalt and concrete pavement. AECOM assumes the Village will provide the alley inventory in GIS format which will be used for the inspections and setting up the PAVER database inventory. A manual network level (approximately 25-40% sampling rate) pavement inspections per ASTM D6433 will be conducted on all alleys. The condition survey findings will be imported to the PAVER database.

In conducting the PCI surveys, AECOM will utilize a 2-person survey team. Each team will include one Lead Inspector and an Assistant Inspector. Throughout the inspections, inspectors will wear brightly colored safety vests and carry cellular phones in case of emergency. A field schedule will be developed and provided to Village for review and approval prior to initiating any inspections.

Deliverable:

- Alley condition data will be uploaded into the PAVER database and GIS.

- Color coded PCI maps showing alley condition results.

Task 3   Pavement Maintenance and Repair Program

AECOM will assist the Village to plan and determine near term localized repair requirements and long-term major capital improvement repair requirements for roadway segments. This includes running budget planning scenarios, identifying roadway segments that require work, and determining the corresponding repair work activity. Pavement preservation and lifecycle concepts will be applied during process. Proximity planning and project bundling will also be incorporated during developing the plans. The scope of work assumes two complete iterations for this effort.

Deliverable:

- Maps and spreadsheets showing the results of the budget scenarios and repair work plans.

Task 4   Miscellaneous Pavement Engineering Support

AECOM will assist the Village with various pavement engineering tasks such as performing pavement designs and review of specifications, mix designs, material types, and repair techniques is included in this proposal.

Deliverable:

- Summary of findings in the form of a memo or presentation or any similar preferred format.

FEE ESTIMATE:

The fee to perform services is based on a time and materials price not to exceed **$69,680**. The detailed task breakdown of hours and cost is presented below.

Task Description	GIS/CAD	Pavement Inspector	Pavement Engineer	Sr. Pavement Manager	ODC	Total
	$80	$100	$120	$180		
Task1: PAVER Pavement Management Database Updates	8		20	12		$5,200
Task 2: Alley Condition Survey per ASTM D6433 standard	40	140	140	24	$2,000	$40,320
Task 3: Pavement Maintenance and Repair Program	16		56	32		$13,760
Task 4: Miscellaneous Pavement Engineering Support	16		40	24		$10,400
Total	**$6,400**	**$14,000**	**$30,720**	**$16,560**	**$2,000**	**$69,680**