Legislation Text

File #: 2019-0259, **Version:** 1

Title/Name/Summary
94th Avenue (151st Street to 159th Street) and 151st Street (Harlem Avenue to 9500 west) Pavement Resurfacing - Phase One Design Engineering - Proposals

History
94th Avenue and 151st Street are respectively classified as a Major Collector roadway and a Minor Arterial roadway, by the Illinois Department of Transportation (IDOT) and Chicago Metropolitan Agency for Planning (CMAP). These roads are formerly referred to as FAU (Federal Aid Urban) routes and they fall under the Village's maintenance jurisdiction. They are eligible for federal funding through the CMAP Surface Transportation Program (STP) due to their functional classifications.

Due to their age and the amount of daily traffic, the pavement surface on both streets is deteriorating and will need to be resurfaced in the near future. The village's pavement management consultant, Applied Research Associates (ARA), has recommended the resurfacing of 94th Avenue within the next five years, and resurfacing of 151st Street within ten years. Resurfacing these roads along with ADA mobility improvements are anticipated within the next few years. The costs of construction and the costs of Phase 2 and Phase 3 engineering may be eligible for federal financial assistance. However, in order to be eligible, Phase 1 engineering must be completed by the Village utilizing local funds.

The application process for federal funding is administered through the Southwest Conference of Mayors. The next call for projects will begin in January of 2020 with funding approvals scheduled for the 2021 and 2022 construction seasons. In order to prepare these projects for the January submission, staff has requested proposals for Phase 1 engineering services. The project limits of 94th Avenue are from 151st Street to 159th Street, and the limits of 151st Street are from Harlem Avenue to approximately 9500 west.

With the intention of selecting one qualified and experienced consulting engineering firm, two separate proposals for each roadway were requested and submitted from five engineering firms: Baxter & Woodman, Inc. of Mokena, Illinois (BWI), Christopher B. Burke Engineering, Ltd. of Rosemont, Illinois (CBBEL), HR Green, Inc. of New Lenox, Illinois (HRGI); Strand Associates, Inc. (SAI) of Joliet, Illinois; V3 Companies (V3C) of Woodridge, Illinois. The proposal costs are as follows:

Firm	Project	Proposal Amount
BWI	94th Avenue	$ 70,100.00
BWI	151st Street	$125,905.00
CBBEL	94th Avenue	$ 38,004.63
CBBEL	151st Street	$ 46,582.55

powered by Legistar™

HRGI	94th Avenue	$ 24,675.00
HRGI	151st Street	$ 35.285.00
SAI	94th Avenue	$ 56,100.00
SAI	151st Street	$ 75,900.00
V3C	94th Avenue	$ 86,282.00
V3C	151st Street	$139,791.00

With a total cost of $59,960.00 ($24,675+$35,285) for both projects, the lowest total fee for both projects was submitted by HR Green, Inc of New Lenox, Illinois. After reviewing the proposals, staff has determined that HR Green, Inc. would provide a thorough and professional service. Over the past several years, HR Green, Inc. has established an excellent working relationship with staff, which includes managing the Village's bridge inventory for annual inspections and reconstruction projects. As such, staff recommends accepting the proposal for Phase 1 engineering from HR Green, Inc. of New Lenox, Illinois in an amount not to exceed $24,675 for 94th Avenue, and $35,285 for 151st Street.

On April 15, 2019, this item was reviewed by the Public Works Committee and recommended for approval and referred to the Village Board of Trustees for consideration.

Financial Impact
Funds for this professional engineering service are available in the Capital Fund 054-0000-471250.

Recommended Action/Motion
I move to approve accepting the proposals from HR Green, Inc. of New Lenox, Illinois for the 94th Avenue (151st Street to 159th Street) and 151st Street (Harlem Avenue to 9500 west) Pavement Resurfacing - Phase One Design Engineering in an amount not to exceed $24,675 for 94th Avenue and $35,285 for 151st Street.