

City Council – Action Request Form

Date: March 15, 2021

To: Mayor, Mayor Pro Tempore, and Members of the City Council

From: Damon Dequenne, Assistant City Manager
Toneq' McCullough, Director of Transportation

Council Action Requested:

Consideration of Items Related to the Traffic Signal Retiming of Central Business District (Downtown Area)

- a) Resolution Authorizing the City Manager to Enter into an Agreement with Stantec Consulting Services, Inc. for Professional Engineering Services for the Traffic Signal Retiming and Coordination in the Central Business District
- b) Project Budget Ordinance Amendment to Appropriate Funds for Project Expenditures

Strategic Focus Area: Quality Transportation

Strategic Objective: No

Strategic Plan Action Item: No

Key Work Item: No



Summary of Information:

The City of Winston-Salem Central Business District contains 61 traffic signals in a gridded network programmed to run coordinated timing plans throughout the day. These timing plans allow traffic to progress along major corridors in the downtown area without causing vehicle congestion. Significant changes to the downtown street system caused by modifications to the interchanges related to the Business 40 project and the future two-way conversion of several downtown streets, have created a need for all traffic signal timing plans to be reevaluated.

Committee Action:

Committee	<u>Finance 3/15/2021</u>	Action	<u>Approval</u>
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For	<u>Unanimous</u>	Against	<u></u>
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Remarks:

In July 2020, the City of Winston-Salem solicited proposals from various professional consulting firms. Proposals were received by the following firms by July 24, 2020.

- John Davenport Engineering Inc.
- Mekuria Engineering Inc.
- Stantec Consulting Services Inc.
- Timmons Group

Firms were asked to provide a proposal that would include traffic counts, traffic modeling and corridor analysis, design and implementation of corridor traffic signal timing plans for during and after the two-way conversion projects, and optimizing corridor progression plans after implementation. Submitted proposals were scored based on the following criteria:

- M/WBE Commitment: 20% Weight
- Business Location: 20% Weight
- Manpower Commitment: 20% Weight
- Qualifications and Experience: 20% Weight
- Understanding of Project: 20% Weight

A selection committee consisting of city staff from various departments evaluated and scored each proposal individually. Individual scores were tallied and to determine which firm had the highest overall score in all criteria. Each firms total score is listed below:

Stantec Consulting Service Inc.	496
John Davenport Engineering	496
Mekuria Engineering, Inc.	372
Timmons Group	332

Based on the proposals that were received, Stantec Consulting Services Inc. and John Davenport Engineering Inc. both received the highest score. After an analysis of relevant work experience and project understanding, our staff recommends awarding this contract for a total fee not to exceed \$294,600 to Stantec Consulting Services Inc.