ACTION: Award a professional services contract to Wilson Engineers, LLC for the Intersection Improvements – Rural Road and Southern Avenue project located at the intersection of Rural Road and Southern Avenue.

FISCAL IMPACT: The professional services contract is $138,665. Funds to cover this contract and related costs are appropriated for fiscal year 2018/19 in the Capital Improvement Project No. 5407821, Rural + Southern Intersection Improvements.

RECOMMENDATION: Award the professional services contract to Wilson Engineers, LLC.

BACKGROUND INFORMATION:

Project History:
The City of Tempe’s Transportation Division is tasked with providing residents and visitors with a safe and efficient transportation system. As part of a continuing transportation safety program, Traffic Engineering staff proactively identifies potential locations within the City that could benefit from the implementation of traffic safety measures. In addition, through review of traffic counts, staff monitors traffic volumes on arterial roadways.

The intersection of Rural Road and Southern Avenue continues to be identified in the safety program as a potential location for safety improvements. Most recently it ranked no. 2 in the City of Tempe’s “Top 100 High Crash Intersections” and ranked no 1 in the Maricopa Association of Governments’ (MAG) “Top 100 Intersection Crashes” in the MAG Region. Additionally, in 2011 this intersection was identified by the Arizona Department of Transportation (ADOT) in the statewide “Top 5% Intersection Safety Transparency Report.” Based on the findings of a road safety assessment in 2013 and a recently completed project assessment, staff has identified intersection improvements that will help to mitigate safety issues and improve capacity at this intersection. These improvements will include construction of additional turn lanes, new traffic signals, updated sidewalk ramps (ADA), and improved transit stops.

The improvements have been scheduled for construction and this contract is for Construction Management services.

Scope of Work:
This contract will provide construction management services for the safety and capacity improvements scheduled at the intersection of Rural Road and Southern Avenue. Improvements will include construction of additional turn lanes and improvements to traffic signals, lighting, striping, transit stops, and ADA compliant sidewalks and pedestrian ramps. To ensure the project is completed within specifications and to meet the federal expenditure deadlines, additional construction oversight is required to manage the various field activities.

Construction Management activities for the duration of the construction contract will include:

- Construction Administration, Management, and Project Controls Services.
  - Review of change orders, claims, requests for information, monthly pay estimates, and schedule updates.
  - Conduct job progress meetings and coordination controls meeting.
• Primary on-site Resident Construction Management and coordination between the Contractor and City of Tempe Engineering staff.
• Inspection Services.
  o Inspection of materials, equipment, and workmanship.
  o Daily reporting on site activities and document construction progress.
  o Monitor construction conditions to maintain City, County, and State regulations.
  o Coordinate material (Quality Assurance and Quality Control) testing.
• Post Construction Services.
  o Assist the City with warranty-related issues.
  o Secure all construction closeout materials, files, and record-drawings.

**Contract Type:** Professional Services Contract.

**Procurement Method:**
**Pre-Qualified Consultant Selection:**
In December 2017, Wilson Engineers, LLC was one of 17 Traffic Engineering/Transit consulting firms selected for a Selection List through a qualifications-based process consistent with Arizona Revised Statutes (ARS) § 34-103. This selection process is conducted on a tri-annual basis and includes evaluation of submitting firms for each discipline based on approved selection criteria and relative weights, and how their expertise relates to the City's upcoming project needs (ARS prohibits the use of pricing as a criterion for this qualifications based process).

For this project Wilson Engineers, LLC was selected from the Traffic Engineering/Transit Engineer Pre-Qualified Selection List based on companies who have been previously awarded contracts, the scope of work, their familiarity with the project, and the specific expertise required for successful completion of the work. Staff worked with Wilson Engineers, LLC in developing a detailed scope of work and proposal. The proposal was deemed to be consistent with normal engineering practice on similar projects and the proposed labor rates are consistent with industry standards.

**ATTACHMENTS:** Professional Services Contract

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