ACTION: Award a professional services contract to TY Lin International, Inc. for the Design Options – New Bus Shelters project located at various locations throughout the City.

FISCAL IMPACT: The professional services contract is $156,417.62. Funds to cover this contract and related costs are appropriated for fiscal year 2018/19 in the Capital Improvement Project No. 6005231B, Design Options – New Bus Shelters.

RECOMMENDATION: Award the professional services contract to TY Lin International, Inc.

BACKGROUND INFORMATION:
Project History:
Tempe Transit has invested in expansions of bus, rail, and neighborhood circulator service since the passage of the 1996 Tempe Transit Tax. Today, the city has the highest ridership per capita in the state of Arizona. As part of the strong transit service system, having comfortable and accessible shelters for transit riders is critical to attracting and retaining users of the system. To date the city has installed more than 400 shelters city wide, with a total of more than 800 bus stops in Tempe. The existing shelters were designed in the 1990’s and, while functional and part of the transit brand for Tempe, they are limited in their architectural compatibility with contemporary architecture and have somewhat restricted adaptability in some of the more urban and/or constrained spaces in Tempe.

The City of Tempe is seeking to develop a new Bus Shelter design as an addition to the current standard shelters. The new shelter will be sustainably designed and site adaptable to maximize shade for patrons with consideration given to climate, materials, longevity, recycled content, recyclability, and life cycle of products and manufacturing.

Scope of Work:
Through this project, TY Lin will develop a new design standard detail and specification option for bus shelter construction in the City of Tempe. The new design standard developed by the consultant shall be established for perennial use at various locations without limits of liability.

Design activities will include:

- Development of conceptual bus stop shelter design that will include up to eight sketches based on initial City and key stakeholder feedback.
  - Selection of three preferred concepts from the original eight sketches for public input.
- A final design (with 3D Model) for three standard sized bus shelters.
  - Type A: Compact: approx. 5’ x 10’
  - Type B: Regular: 5’-6” x 16’-6”
  - Type C: Large: 9’ x 18’ expandable to 9’ x 27’
- A final design for a “Micro Stop” where there are site restrictions that will not accommodate the smallest sized planned shelter.
Key design elements will include structural components (roof and foundation), furniture, solar lighting, shade panela, vandal resistant materials, and Low Impact Development (LID) principles for landscaping.

The Consultant’s scope of work will also include pre-manufacture services, interfacing with a manufacturer selected by the City during the pre-final design stage to build a bus shelter prototype, and finalizing the new standard design detail that will withstand all the extreme and specific environmental conditions for structures in the rights-of-way.

**Contract Type:** Professional Services Contract.

**Procurement Method:**
Request for Qualifications:
TY Lin International, Inc. was selected by a review committee as the most qualified firm for these services using a process pursuant to Arizona Revised Statutes § 34-603. The qualifications based selection process includes evaluation of each firm's statement of qualifications in response to the City's request for qualifications (RFQ); holding selection panel interviews with the firms based on selection criteria and relative weight of selection criteria as outlined in the RFQ, including evaluation of the contractor's expertise, qualifications of key personnel and project experience; selecting the final list of contractors in order of preference; and negotiating the guaranteed maximum price (GMP). Staff has negotiated the professional services fee with TY Lin International, Inc. and considers it reasonable for the scope of services.

**ATTACHMENTS:** Professional Services Contract

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