



COUNCIL AGENDA ITEM MEMORANDUM

DEPT./DIVISION SUBMISSION & REVIEW:

Don Bond, P.E., CFM, Director of Public Works
Richard Wilson, P.E., CFM, City Engineer

ITEM DESCRIPTION: Consider adopting a resolution authorizing a professional services agreement with Kasberg, Patrick & Associates, LP of Temple for final design and bidding phase services required for the Avenue G Pump Station Improvement project in the amount of \$345,250.

BACKGROUND: Approval of this item will allow for the execution of a professional services agreement with Kasberg, Patrick & Associates, LP (KPA) for final design and bidding phase services related to the Avenue G Pump Station Improvements.

The Avenue G Pump Station, built in 1935, is a critical component of the City of Temple's water system and is the only supply for the 876 Pressure Plane, which encompasses the middle portion of the City and extends to the north CCN boundary. The Avenue G Pump Station supplies water to the West Park, Nugent, 25th Street, and Taylor Road Elevated Storage Tanks. On June 18, 2020, Council authorized KPA to perform Preliminary Engineering services for the Ave G Pump Station Improvements. The scope of services of this new design contract is based on the recommendations from the Preliminary Engineering Report (PER) dated January 15, 2021.

As identified in the attached engineer's proposal, KPA will be providing the following professional services:

Task 1 – Geotechnical Investigation	\$ 5,400
Task 2 – Final Design	
A. Civil Design	\$198,500
B. Electrical/SCADA/HVAC Design	\$ 91,580
C. Structural Design	\$ 33,100
Task 3 – Bidding	<u>\$ 16,670</u>
TOTAL	<u>\$345,250</u>

In accordance with Texas Government Code Chapter 2254, Request for Qualifications (RFQ) #13-14-20 was issued to procure professional engineering services. KPA was selected from the City's pre-qualified list of engineering firms based on their demonstrated competence and qualifications to perform similar projects.

The engineer's preliminary opinion of probable construction cost for this project is \$4,350,000.

Design of this project is expected to take 270 calendar days from the Notice to Proceed.

ALIGNMENT WITH ADOPTED PLANS:

Plan	Comments
Strategic Plan	This item supports the Strategic Plan goal of "Infrastructure and systems that support exceptional services and community growth"; the commitment to "Plan for, design, construct and maintain high quality water, wastewater, and drainage infrastructure, systems, and services that meet the needs of the community now and in the future"; and the initiative to "Invest in the continued maintenance, replacement, and improvement of the City's water, wastewater, and drainage infrastructure".
Comprehensive Plan	This item supports the Comprehensive Plan Commitment 1.2 to ensure that funding, operations and maintenance of the City's public infrastructure systems are proactively planned and continuously provided to support exceptional services and community growth and Initiative 1.2.2 to implement the 2019 Water and Wastewater Master Plan to ensure an efficient, high-quality utility system to address future needs.

STAFF RECOMMENDATION: Adopt resolution as presented in item description.

BOARDS & COMMISSIONS RECOMMENDATION: This item was not reviewed by any of the official boards and commissions.

FISCAL IMPACT: Funding for the professional services agreement with Kasberg, Patrick & Associates, LP for the design and bidding of Avenue G Pump Station Improvements in the amount of \$345,250.00 is available in account 561-5100-535-6546, project 102255, as follows:

Project Budget	\$	576,930
Encumbered/Committed to Date		(76,930)
Kasberg, Patrick, & Associates, LP		(345,250)
Remaining Project Funds Available	\$	154,750

ATTACHMENTS:

Engineer's Proposal
Project Map
Resolution