



## COUNCIL AGENDA ITEM MEMORANDUM

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### **DEPT./DIVISION SUBMISSION & REVIEW:**

Don Bond, PE, Director of Public Works  
Richard Wilson, PE, CFM, City Engineer

**ITEM DESCRIPTION:** Consider adopting a resolution authorizing a professional services agreement with Clark Associates of Temple, for the design and bidding services required for the Leon River Trunk Sewer Phase 2 project in the amount of \$861,070.

**BACKGROUND:** Approval of this item will allow for the execution of a professional services agreement with Clark Associates for the design and bidding services relating to the construction of the Leon River Trunk Sewer Phase 2. The purpose of the Leon River Phase 2 project is to connect the existing upper and lower gravity systems serving the Leon River Drainage Basin.

The proposed gravity line will also allow for the abandonment of the Pea Ridge or Poison Oak Lift Station, as well as provide for collection service to an area south of Poison Oak Road and north of the Water Treatment Plant. This area is currently without wastewater service.

As a result of this proposed wastewater connection, flows will increase into the existing downstream infrastructure. In order to accommodate these added flows, the existing Leon River Lift Station and associated force main are also proposed for improvements.

Thus, the overall project scope includes:

- Approximately 8,550 linear feet of new 30-inch wastewater gravity line (connecting the upper and lower gravity systems);
- Abandonment of existing Pea Ridge or Poison Oak Lift Station (currently directing flows into the adjacent Friars Creek Drainage Basin);
- Expansion of existing Leon River Lift Station to accommodate additional flows; and
- Approximately 5,400 linear feet of new 18-inch force main to support the improved Leon River Lift Station.

As identified in the attached engineer's proposal, Clark Associates will complete design topography surveys, new wastewater line designs, construction document preparation, Phase I Environmental Site Assessment services, Environmental Waters of the US Determination, Cultural Resource services, geotechnical soil investigation services, and project bidding services. In addition, Clark Associates will provide technical support for the acquisition of permanent utility easements, temporary construction easements, and right of entry agreements.

In accordance with Texas Government Code Chapter 2254, Clark Associates 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 \$7,449,986.50. The engineer's timeline for this project is a total of 385 calendar days from notice to proceed. Design of this project is expected to be complete by August of 2023.

**ALIGNMENT WITH ADOPTED PLANS:**

Plan	Comments
Strategic Plan	This item supports the City of Temple's Strategic Plan goal 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." as well as the commitment to "Invest in the continued maintenance, replacement, and improvement of the City's water, wastewater, and drainage infrastructure."
Comprehensive Plan	This item supports the City of Temple's Comprehensive Plan "Commitment 1.2: Infrastructure Systems: 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." specifically, "Initiative 1.2.2 Implement the 2019 Water and Wastewater Master Plan to ensure an efficient, high-quality utility system to address future needs."
2019 Water and Wastewater Master Plan	This item complies with Section 7.10.3 Proposed Improvements, Paragraph LO-02 of the 2019 Water and Wastewater Master Plan.

**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 Clark Associates for the design of the Leon River Trunk Sewer Phase 2 project, in the amount of \$861,070, is available in account561-5400-535-6941, project101081, as follows:

Project Budget	\$	1,008,700
Encumbered/Committed to Date		(62,300)
Clark Associates		(861,070)
<b>Remaining Project Funds Available</b>	<b>\$</b>	<b><u>85,330</u></b>

The FY 2023 – 2028 Proposed Business Plan will include funding for construction of the Leon River Trunk Sewer, Phase 2.

**ATTACHMENTS:**

Resolution  
Engineering Proposal  
Project Exhibits