



# City of Pflugerville

## Legislation Text

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**File #:** 2020-8753, **Version:** 1

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Approving the selection of Ardurra for professional engineering services associated with the Water Treatment Plant Facility Expansion Project and authorizing the City Manager to enter into negotiations regarding a scope of work and fee proposal.

The City of Pflugerville solicited requests for qualifications from engineering firms for design services for the Water Treatment Plant Facility Expansion Project.

City staff issued a request for qualifications (RFQ) on August 12, 2020 and received three (3) statements of qualifications (SOQ) on September 23, 2020 which were reviewed, ranked and scored by a committee of City staff members. Ardurra was determined to be the most qualified firm for the project and is recommended for selection for professional engineering services associated with the Project. The objective of this request was to identify and engage the most qualified consulting firm to assist the City in providing planning/preliminary design, design and bid & construction phase services and project management related to the Project under the oversight of City Staff and the City's Owner Representative, Garver.

The 2020 Water Master Plan was adopted by City Council on April 14, 2020 and outlines the necessity of expanding the City's Surface Water Treatment Plant (WTP) from approximately 17 MGD to 30 MGD by 2022. In March 2020, the City retained Garver as the owner's representative for the expansion of water treatment plant to assist the City with the successful delivery of the project. The services included an initial planning phase, in which Garver engaged with City Engineering and Operations staff to assess the suitability of the current treatment process technology, and performed a comparative analysis to determine the best path forward for the future expansion. This The City has also processed a supplemental agreement for owner's representative services for the design phase of the WTP Expansions project including consultant procurement and acting as the City's Owner's Representative for preliminary engineering through 100% design and bid phase services.

This project includes planning/preliminary design, design, bid, and construction phase services for the expansion of the existing Pflugerville WTP to a capacity of 30 MGD. The project includes the expansion of the City's Lake Pump Station and the High Service Pump Station to reach the 30 MGD target. The City also plans to develop an 800-foot pressure plane, which will be served by the expanded High Service Pump Station. The intent of the expansion is to address deficiencies and improvements required by the WTP facility to meet and maintain regulatory compliance, safety, technology improvements, process innovations and aging infrastructure to meet current and future water demands. This project is anticipated to be funded through a loan obtained from the TWDB Drinking Water State Revolving Fund (DWSRF)

RFQ Released	August 12, 2020
Proposals Due	September 23, 2020
Interviews	October 16, 2020
Consultant Selection	October 27, 2020 Council selection

Contract and Scope of Services	November 24, 2020 anticipated Council approval
Project Kickoff	December 7, 2020
Design Phase Completion	January 2022
Construction Phase Completion	Spring 2023

If this item is approved, City staff will begin scoping the project with Ardurra and develop a Professional Services Agreement which will be brought forward for City Council consideration in November.

### **Prior City Council Action**

City Council approved a professional services agreement with Garver in the amount of \$199,820 for owner's representative services associated with the Surface Water Treatment Plant Expansion Project at the March 10, 2020 meeting. The services included an initial planning phase, in which Garver engaged with City Engineering and Operations staff to assess the suitability of the current treatment process technology, and performed a comparative analysis to determine the best path forward for the future expansion.

City Council approved a professional services supplemental agreement with Garver in the amount of \$1,220,657.00 for owner's representative services associated with the Surface Water Treatment Plant Expansion Project at the August 25, 2020 meeting. The Supplemental Agreement is for the design phase of the WTP Expansions project including consultant procurement and acting as the City's OR for preliminary engineering through 100% design and bid phase services.

### **Deadline for City Council Action**

Action is requested on October 27, 2020.

**Funding Expected:** Revenue ☐ Expenditure ☐ N/A ☒

**Budgeted Item:** Yes ☐ No ☐ N/A ☒

**Amount:** NA

**1295 Form Required?** Yes ☐ No ☐

**Legal Review Required:** N/A ☒ Required ☐ Date Completed: \_\_\_\_\_

### **Supporting documents attached:**

Statement of Qualification Scoring Matrix

Location Exhibit

### **Recommended Action**

Approve the selection of Ardurra for professional engineering services associated with the Water Treatment Plant Facility Expansion Project and authorizing the City Manager to enter into negotiations regarding a scope of work and fee proposal.