



City of Pflugerville

Legislation Text

File #: 2019-7906, **Version:** 1

Authorizing the City Manager to execute Supplemental Agreement #5 with Freese and Nichols, Inc. in the amount of \$1,309,800.00 for professional engineering services associated with the Central Wastewater Treatment Plant expansion construction and post construction phase services for the project.

This Supplemental Agreement is for construction and post construction phase engineering services by Freese and Nichols, Inc. (FNI) the Engineer of Record for the Central Wastewater Treatment Plant expansion. FNI as the design engineer has a critical role throughout the construction of the project and during the initial period of operation after construction is complete. FNI will review all technical information submitted by the construction Contractor to verify the process equipment and materials to be supplied by the Contractor for the project meet the standards and operational requirements specified by FNI in the contract documents. As the design engineer, FNI interprets the plans and specifications and answers questions from the Contractor or Construction Manager, provides technical review of any proposed changes, and helps resolve unforeseen conflicts during construction to insure that any changes are consistent with the design intent. FNI's design team members attend construction meetings and provide general engineering observation of the construction in addition to the day-to-day observation by the Construction Manager. As designer of the treatment process, FNI establishes the parameters and operating conditions for initial start-up of the various treatment unit processes, and coordinates with the Construction Manager and Contractor to develop start-up procedures. As design engineer, FNI supports the Construction Manager in establishing commissioning procedures for individual equipment items and unit processes in such a way that the treatment facility remains in compliance with the discharge permit. At the completion of construction, FNI is responsible for preparation of record drawings. FNI will also provide ongoing operations support during the Contractor's 2 year warranty period to determine if the process equipment is functioning as intended and to support the City's operations staff with adjustment and fine tuning of the treatment process. FNI will support the City staff and Construction Manager with warranty inspections at the conclusion of the Contractor's warranty period.

Prior City Council Action

City council approved supplemental agreement number 1 with Freese and Nichols on February 27, 2019 for professional engineering services associated with the final design and bid phase services for the Wastewater Treatment Plant Expansion Phase 1 project.

Deadline for City Council Action

Action is requested on October 22, 2019

Funding Expected: Revenue ☐ Expenditure ☒ N/A ☐

Budgeted Item: Yes ☒ No ☐ N/A ☐

Amount: \$1,309,800.00

1295 Form Required? Yes ☒ No ☐

Legal Review Required: N/A ☐ Required ☒ Date Completed: 10/18/2019

Supporting documents attached:

Professional Services Supplemental Agreement

Recommended Action

Authorize the City Manager to execute Supplemental Agreement #5 with Freese and Nichols, Inc. in the amount of \$1,309,800.00 for professional engineering services associated with the Central Wastewater Treatment Plant expansion construction and post construction phase services for the project.