



City of Pflugerville

Legislation Text

File #: 2020-8743, **Version:** 1

Discuss and consider action to approve a professional services agreement with Kimley-Horn and Associates, Inc. in the amount of \$858,059.35 for professional engineering services associated with the Wilbarger Creek Wastewater Interceptor project and authorizing the City Manager to execute the same.

This item is for Preliminary Design of the proposed Wilbarger Creek Wastewater Interceptor project, identified as Project 8 in the adopted 2020 Wastewater Master Plan.

The City's wastewater service area includes three basins, the Central, Wilbarger, and Cottonwood basins. Currently, lift stations and pumping infrastructure is in place to convey wastewater flows across basins from the Wilbarger basin to the Central basin and into the Central Wastewater Treatment Plant.

The adopted 2020 Wastewater Master Plan recommended the City proceed with improvement projects in the Wilbarger Basin to provide conveyance of wastewater from the Wilbarger and Cottonwood basins to a new wastewater treatment plant in the Wilbarger Basin. The 2020 Wastewater Master Plan indicates that these improvements will need to be in service by late 2024 to meet the City's projected growth needs.

The Wilbarger Creek Wastewater Interceptor will convey flows from the existing Carmel Lift Station to the proposed Wilbarger Creek RWWTF. The Wilbarger Creek RWWTF project is part of a separate agenda item and will be completed on a similar schedule.

Kimley-Horn has been selected by the City for engineering services associated with the Wilbarger Creek Wastewater Interceptor. The professional service agreement negotiated between the City and Kimley-Horn is through Preliminary Design, and is composed of the following scope of services:

1. Design Management and Data Collection
2. Analysis, Routing, and Conceptual Design
3. 30% Plans and Engineering Feasibility Report
4. Boundary Survey
5. Environmental Services
6. Subsurface Utility Engineering
7. Right of Entry/Property Acquisition Services
8. Geotechnical Engineering Services

The project is shown and accounted for in the FY2021 budget document under the Wastewater Utility Fund Capital Improvement Projects as Wilbarger Creek Interceptor (54").

On 8/11/2020 City Council approved a Resolution for staff support to submit an application to the Texas Water Development Board for funding opportunity with the Clean Water State Revolving Fund

(CWSRF), authorized by the Clean Water Act. The CWSRF provides low-cost financial assistance for planning, acquisition, design, and construction of wastewater, reuse, and stormwater infrastructure.

It is in this context that the City submitted an application on 8/31/2020 to the TWDB for the Wilbarger Creek Wastewater Interceptor project as one of three for financial assistance not to exceed \$165,665,000.

Additional services will be needed including final design, bid, construction phase services, etc. and will be brought to City Council in the future, as necessary, to finalize the project.

Prior City Council Action

September 22, 2020 Council approved the selection of Kimley-Horn for engineering services associated with the Wilbarger Creek Wastewater Interceptor Project.

Deadline for City Council Action

Action is requested on October 27, 2020.

Funding Expected: Revenue ☐ Expenditure ☒ N/A ☐

Budgeted Item: Yes ☐ No ☐ N/A ☒

*This portion of the Capital Improvement Project is funded through utility bond funds and anticipated Texas Water Development Board Grant.

Amount: \$858,059.35

1295 Form Required? Yes ☒ No ☐

Legal Review Required: N/A ☐ Required ☒ Date Completed: 10/16/20

Supporting documents attached:

Professional Services Agreement
Project Location Map

Recommended Action

Approve a professional services agreement with Kimley-Horn and Associates, Inc. in the amount of \$858,059.35 for professional engineering services associated with the Wilbarger Creek Wastewater Interceptor project and authorizing the City Manager to execute the same.