



City of Pflugerville

Legislation Text

File #: 2020-8745, **Version:** 1

Discuss and consider action to approve a professional services agreement with CP&Y, Inc. in the amount of \$754,498.00 for professional engineering services associated with the Sorento Wastewater Interceptor Phase 2 project and authorizing the City Manager to execute the same.

This item is for Design, Bidding and Construction Phase Services for the proposed Sorento Wastewater Interceptor Phase 2 project, identified as Project 6 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 to 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 purpose of the Sorento Wastewater Interceptor Phase 2 project is to relieve the Weiss Lane Lift Station by diverting wastewater flow by gravity to the Carmel Lift Station, and ultimately to the future Wilbarger Creek Regional Wastewater Treatment Facility. This project will also include the decommissioning of the Verona Lift Station.

Design of the Wilbarger Creek Wastewater Interceptor and the proposed Wilbarger Creek RWWTF are included under separate agenda items and will be completed on a similar schedule.

CP&Y, Inc. was one of three firms selected by the City for engineering services associated with the Weiss Lane Lift Station and Force Main Analysis & System Upgrades, and the design of this specific project was under the purview of this Request for Qualifications. The professional service agreement negotiated between the City and CP&Y, Inc. is through Construction Phase Services, and composed of the following scope of services:

1. Project Management
2. Preliminary Engineering
3. Design Phase Services
4. Permitting
5. Bid Phase Services
6. Construction Phase Services
7. Geotechnical Phase Services
8. Environmental Evaluation
9. Survey
10. Subsurface Utility Engineering (SUE)

The project is shown and accounted for in the FY2021 budget document under the Wastewater Utility

Fund Capital Improvement Projects as Sorento Wastewater Interceptor Phase 2.

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 Sorento Wastewater Interceptor Phase 2 project as one of three for financial assistance not to exceed \$165,665,000.

Prior City Council Action

December 11, 2018 Council approved selection of CP&Y for services associated with the Weiss Lane Lift Station and Force Main Analysis and System Upgrades project. The design of this project will relieve the Weiss Lane Lift Station.

Deadline for City Council Action

Action is requested on October 27, 2020 to proceed with project design and maintain the schedule of relieving the Weiss Lane Lift Station.

Funding Expected: Revenue ☐ Expenditure ☒ N/A ☐

Budgeted Item: Yes ☐ No ☐ N/A ☒

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

Amount: \$754,498.00

1295 Form Required? Yes ☒ No ☐

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

Supporting documents attached:

Professional Services Agreement

Project Location Map

Recommended Action

Approve a professional services agreement with CP&Y, Inc. in the amount of \$754,498.00 for professional engineering services associated with the Sorento Wastewater Interceptor Phase 2 project and authorizing the City Manager to execute the same.