



# City of League City, TX

300 West Walker  
League City TX 77573

## Text File

File Number: 20-0186

**Agenda Date:** 4/28/2020

**Version:** 1

**Status:** Draft

**In Control:** Budget and Project Management

**File Type:** Agenda Item

### Title

Consider and take action on a resolution authorizing an amendment to the professional services agreement with CDM-Smith Inc. for the 36-inch Waterline from SH 3 Booster Pump Station to South Shore Harbour Booster Pump Station (WT1109) in an amount not to exceed \$69,515 (Director of Budget and Project Management)

### ..Background:

Approval of this item will authorize an amendment to the professional services agreement with CDM-Smith Inc for the 36-inch Waterline form SH3 Booster Pump Station to South Shore Harbour Booster Pump Station in the amount of \$69,515.

On June 14, 2011, Council approved a single professional services contract with CDM-Smith Inc. for planning and design of the WT1108 State Highway 3 Pump Station Project and the WT1109 36" Waterline from State Highway 3 to South Shore Harbour Booster Pump Station in the amount of \$1,600,000. On February 11, 2014, Council approved additional funds in the amount of \$318,300, first amendment. On April 23, 2018, the City Manager approved \$45,000 for purchase of design services during the construction phase of the 36" Waterline Project. The current contract totals \$1,963,300.

This amendment provides additional geotechnical engineering due to progression of the design and the need to horizontal direction drill a significant portion of the project. As the design has progressed, the depths required for the drilling are finalized at a depth lower than originally projected. Due to the increase in depth, additional geotechnical borings are needed to determine the optimum drilling soil profile window and sufficient soil property data for drillers to sufficiently design and bid the drilling portion of the project. The proposal includes an additional 5 geotechnical borings. The cost for the additional soil borings is in the amount of \$47,740.

Additionally, the initial metes and bounds for acquisition of easements were performed December 2014. Since this time land ownership has changed and the land acquisition has encountered setbacks in schedule due to land ownership questions. To overcome this hurdle, CDM Smith proposes to update the metes and bounds exhibits and descriptions for the easements associated with the 36-inch waterline project. The survey will also include expanding the temporary work area easements needed for horizontal direction drill one crossing Clear Creek. This is based on input from drilling companies on the length of 'laydown' area they will need for the pipe. Also, included is field work to identify the Mean Lower Low Water (MLLW) tidal datum requested from the USACE in response to their updated permit review. CDM Smith proposes to perform this work in the amount of \$21,775.

This third amendment totals \$69,515 for the geotechnical and survey work described above.

Summary of Fees:

1. Original Agreement:	\$1,600,000
2. First Amendment:	\$318,300
3. Second Amendment:	\$45,000
4. Third Amendment:	\$69,515

Total Amended Agreement: \$2,032,815

Attachment:

- 1) Data Sheet
- 2) Resolution
- 3) Exhibit A - Third Amendment
- 4) Approved Original Agreement
- 5) Approved First Amendment
- 6) Approved Second Amendment
- 7) Project Aerial Map

FUNDING

{X} Funding in the amount of \$69,515 is available from Fund 1320, with expenses charged to project expense string WT1109-PLAN DESIG-DESIGN-2011 RB

STRATEGIC PLANNING

{X} NOT APPLICABLE