



Staff Report

TO: City Council

FROM: Jeff Hart, Public Works Director

DATE: December 15, 2020

SUBJECT: **Approval of the First Amendment to the Professional Services Agreement with SKM Engineering, LLC for Engineering Design Services of the Programmable Logic Controller (PLC) Upgrade Design for the Various Lift Stations in the Wastewater System in an Amount Not to Exceed \$94,081; Award a Public Works Agreement to Southern Contracting Company for Construction Services for PLC Upgrade Project (CIP 2019-010) in an Amount Not to Exceed \$452,075; and Authorize the City Manager to Sign Change Orders up to an Additional \$45,200 for a Total Not to Exceed Construction Budget of \$591,356**

Background and Analysis:

On April 21, 2020, City Council approved an agreement with SKM Engineering, LLC (SKM), to provide engineering design services in an amount of \$49,910 for the Programmable Logic Controller (PLC) Upgrade (CIP2019-018).

SKM evaluated ten (10) existing lift stations and provided recommendations to upgrade the PLC systems and communications. The recommendations are unique for each site but have an overall goal of standardizing the entire wastewater collection system and matching the wastewater treatment plant hardware and software.

SKM developed site specific upgrade plans and technical specifications based on their recommendations and City feedback. City staff and SKM developed the bid package for the construction phase.

On November 3, 2020, the project transitioned into the construction phase and was advertised for bid as the PLC Upgrade Project (CIP 2019-010). Two bids (2) bids were received and publicly opened on November 25, 2020. The table below summarizes the received bids.

- | | |
|-------------------------------------|-----------|
| 1. Southern Contracting Company | \$452,075 |
| 2. CSI Electrical Contractors, Inc. | \$917,100 |

The lowest responsive bidder was determined on the basis of the base bid only. City staff reviewed the bids and determined that Southern Contracting Company is the verified lowest responsive and responsible bidder. Southern Contracting Company's bid was within 10% of the City's engineer's cost estimate, therefore, staff is recommending Southern Contracting Company to perform the construction services for the PLC Upgrade Project (CIP 2019-010).

Additionally, City staff is recommending that SKM's contract be amended to allow SKM to provide continued services throughout construction. The services include programming, software and hardware integration, and construction support. SKM has performed much of the programming for the wastewater treatment plant and has a unique familiarity with the City's SCADA needs.

City staff will provide construction management services for the PLC Upgrade Project (CIP 2019-010).

Fiscal Impact:

The cost associated with preparing this staff report is \$750.

PLC Upgrade Construction (CIP 2019-010) has a current budget of \$700,000. The \$497,275 construction cost and the \$94,081 first amendment to the professional service agreement with SKM Engineering, LLC will be paid from this budget

Recommended Action:

Approval of the First Amendment to the Professional Services Agreement with SKM Engineering, LLC for Engineering Design Services of the Programmable Logic Controller (PLC) Upgrade Design for the Various Lift Stations in the Wastewater System in an Amount Not to Exceed \$94,081;
Award a Public Works Agreement to Southern Contracting Company for Construction Services for PLC Upgrade Project (CIP 2019-010) in an Amount Not to Exceed \$452,075; and
Authorize the City Manager to Sign Change Orders up to an Additional \$45,200 for a Total Not to Exceed Construction Budget of \$ 591,356.

Attachments:

- A. Contract Amendment - SKM
- B. Public Works Agreement - Southern Contracting Company
- C. Project Plan and Specification
- D. Planholder's list