



Legislation Text

File #: 21-458, Version: 1

ITEM TITLE:

Consider approving Amendment No. 9 to the December 9, 2014 contract with Garver, LLC, which will amend the scope of service to provide professional services necessary for the final design, bidding, construction administration, application engineering programming service, and implementation of SCADA system improvements for the MPWTP, SEWTP, and water distribution system.

INITIATOR: Rusty Whisenhunt, Director of Public Utilities

STAFF INFORMATION SOURCE: Rusty Whisenhunt, Director of Public Utilities

BACKGROUND: On December 9, 2014, the City Council approved a contract for a feasibility study for development of an alternative water supply study and report. Amendment No 1 included provision for preparation of bid documents, bidding services, and construction support services for the construction of groundwater test wells. Amendment No. 2, rescinded parts of Amendment No. 1 and authorized the staff to move forward with additional investigations to assure suitability of the test hole locations selected based on the desktop exercise located on City properties and the use of other hydrologic /geologic methods for examining the sites. Amendment No. 3 expanded the scope of work by adding up to 10 offsite (non-city) locations for additional test holes as well as included provisions for additional professional engineering and technical services contemplated by the original contract as amended as well as drilling of test holes, estimation of well yield, performance of treatability study, evaluation of conveyance alignment, in the amount not to exceed \$1,674,100.00. Amendment No. 4 provided for additional engineering services in support of constructing groundwater wells, conveyance system and design of the treatment facility at the SEWTP location in an amount not to exceed \$3,740,900.00. Amendment No. 5 reallocated savings within the existing project in an amount not to exceed \$65,230.00 to provide for engineering and technical services to support updating and preparing the City of Lawton's Risk and Resiliency Assessment and Emergency Response Plan, both of which were required by the EPA's America's Water Infrastructure Act. Amendment No. 6 provided for a Wastewater Treatment Plant Condition Assessment which included an evaluation of current equipment, conditions, and maintenance procedures as well as recommendations for capital and process improvements. Amendment No. 6 was financed through Contingency Funds within the Sewer Rehab Fund in an amount not to exceed \$68,700.00. **Amendment No. 7 provided for an engineering evaluation of the existing SCADA systems, proposed improvements, conceptual (10%) designs associated with the proposed improvements, and environmental services associated with obtaining a categorical exclusion (CatEx) for state revolving fund (SRF) loan programs for the City of Lawton Wastewater Treatment Plant, Southeast Water Treatment Plant, Medicine Park Water Treatment Plant, and Water Distribution System. The SCADA system is used to control and monitor the operation of plants, pump stations and elevated storage facilities. For each facility, services would include an assessment of the existing SCADA system components and connection to the SCADA system, development of recommended improvements, and prioritization and conceptual design of the recommended improvements in an amount not to exceed \$365,360.00. Future phases would provide for final design, construction, and control system programming to assist with implementation of improvements. Funding for SCADA improvements is included in the 2019 CIP.** Amendment No. 8 provided for professional engineering services necessary for the completion of an Engineering Report which includes the evaluation and comparison of various degrees of improvements at the

WWTP. The report will be used as a tool to decide the best path to take in moving forward at the WWTP for the next 50 years. The amendment also provided Project Management assistance necessary to restore plant operation to an environmentally compliant status in the interim. Funding for Amendment No. 8 came from the 2019 PROPEL CIP in an amount not to exceed \$482,910.00. **Amendment No. 9 will provide for professional engineering services in the final design, bidding, application engineering programming service, and construction administration services for SCADA systems improvements at the MPWTP, SEWTP, and water distribution system. A conceptual design was recently completed under Amendment No. 7 which will be further developed and finalized to include, among other things, a new radio telemetry system, new PLC hardware at both water treatment plants, new RTU panels at remote sites, and intrusion detection improvements. Additionally, the Amendment allows for additional programming support for a period up to five (5) years after implementation of improvements as outlined in Appendix B Rate Schedule. Funding for Amendment No. 9 will come from the 2019 PROPEL CIP.**

EXHIBIT: Amendment to the Agreement, Appendix A Scope of Services, Appendix B Rate Schedule

KEY ISSUES: Does Council wish to amend the Garver, LLC contract to provide professional services necessary for the final design, bidding, construction administration, application engineering programming service, and implementation of SCADA system improvements for the MPWTP, SEWTP, and water distribution system?

FUNDING SOURCE: 2019 PROPEL CIP

STAFF RECOMMENDED COUNCIL ACTION: Approve Amendment No. 9 to the December 9, 2014 contract with Garver, LLC, which will amend the scope of service to provide professional services necessary for the final design, bidding, construction administration, application engineering programming service, and implementation of SCADA system improvements for the MPWTP, SEWTP, and water distribution system in an amount not to exceed \$967,900.00.