



**DEPARTMENT OF PUBLIC UTILITIES**

**MEMORANDUM**

**DATE:** March 9, 2020

**TO:** WILMA QUAN, City Manager  
City Manager's Office

**THROUGH:** JIM SCHAAD, Assistant City Manager  
City Manager's Office

**FROM:** MICHAEL CARBAJAL, Director *mc*  
Department of Public Utilities

**BY:** BROCK D. BUCHE, PE, PLS, Assistant Director - UP&E *BDB*  
Department of Public Utilities - Utilities Planning & Engineering

**SUBJECT:** APPROVE THE SECOND AMENDMENT TO THE PROFESSIONAL CONSULTANT SERVICES AGREEMENT WITH CAROLLO ENGINEERS, INC., FOR PREPARATION OF WORKPLANS FOR EVALUATION OF THE EXISTING GROUNDWATER MONITORING WELL NETWORK AND ARSENIC AND MANGANESE ASSESSMENT AT THE FRESNO-CLOVIS REGIONAL WASTEWATER RECLAMATION FACILITY, INCREASING THE CONTRACT AMOUNT BY \$690,050, FOR A NOT TO EXCEED AMOUNT OF \$989,331, AND EXTEND THE COMPLETION DATE FROM DECEMBER 10, 2019 TO OCTOBER 29, 2021 (COUNCIL DISTRICT 3 AND CITYWIDE)

The purpose of this memorandum is to request authorization to dispense with the City's standard Request for Qualifications (RFQ) process, set forth in Administrative Order 3-3, so the Department of Public Utilities (Department) may seek Council approval for a Second Amendment to the existing Agreement with Carollo Engineers, Inc. (Carollo). The Second Amendment increases the scope of services and fee to include implementation of the work outlined in the Arsenic and Manganese Groundwater Compliance Assessment Workplan (As/Mn Workplan) and preparation of the subsequent report. Due to the stipulated regulatory deadline for report submittal to the California Regional Water Quality Control Board (Board) it is necessary to dispense the standard RFQ process.

On May 21, 2019, the City entered into an Agreement with Carollo to prepare regulatory required workplans for an investigative study and monitoring well network expansion. The first workplan (As/Mn Workplan) establishes an implementation schedule and tasks to be conducted to evaluate the impact of arsenic and manganese beneath and downgradient of the Fresno-Clovis Regional Wastewater Reclamation Facility (RWRF). The second workplan (Monitoring Well Workplan) evaluates the existing groundwater monitoring well network at the RWRF and proposes improvements needed to ensure

MEMORANDUM

WILMA QUAN, City Manager

Second Amendment to Agreement with Carollo Engineers, Inc.

March 9, 2020

Page 2 of 2

adequate monitoring and characterization of groundwater quality as it relates to the RWRF operations. These workplans were completed and submitted to the Board in accordance with Waste Discharge Requirements (WDR) Order R5-2018-0080. As further required by the WDR, the approved workplans must now be implemented and the associated reports prepared and submitted to the Board for approval by June 7, 2021. The scope of work outlined in the original RFQ under which Carollo was hired was specific only to preparation of the workplans. The immediacy of the required submittals to the Board does not lend itself to the standard City process for consultant selection.

The Department will undertake implementation of the Monitoring Well Workplan, however, desires to amend the existing consultant services agreement with Carollo to undertake implementation of the As/Mn Workplan and preparation of the required report. The Carollo team includes the sub-consultant Luhdorff and Scalmanini Consulting Engineers, who specialize in groundwater studies, making the combined team uniquely qualified to carry the project through to completion. This consulting team has: in-depth project knowledge; developed and utilized a customized data management system; prepared specific mapping and processing tools; and developed a hydrogeological conceptual model. With these systems and familiarity with project specifics, this team is capable of expediting field investigations and preparation of the required report.

As the current consultant team is best qualified to carry out the workplan tasks, has expended significant effort in identifying the specific workplans for this project and is already familiar with the requirements for generation of the report, expending effort for submission of an additional consultant RFQ would result in the loss of valuable time, effort, and resources. It is in the best interest of the City to amend the existing Agreement with Carollo to continue with their current efforts and complete the final Arsenic and Manganese Groundwater Compliance Assessment Report.

If you have any questions or require any additional information, please do not hesitate to contact Brock at 559-621-1610.

Approved       Denied

  
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Wilma Quan, City Manager

  
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Date