



Legislation Text

File #: 21-401, Version: 1

CITY COUNCIL AGENDA ITEM

Memo Date: June 24, 2021
Agenda Date: July 13, 2021
Prepared By: Sean McFarland, Water Treatment Manager
Through: John A. Walsh, P.E., Utilities Director

Requested Action:

To Approve Amendment No. 1 to Task Order No. 2021-13 with Jacobs Engineering Group, Inc. for Engineering Services for SCADA, Process Control Systems and Instrumentation Support; To Approve a Resolution Amending the FY2021 Budget to Reallocate Funds from Account 424-4020-536.64-15, IT Hardware, Project No. WS18DW to Account 421-4020-536.31-03, Engineering Support, BAF #21-082-A; To Authorize the City Manager to Approve Change Order No. 1 to FY2021 P.O. 77434 with Jacobs Engineering Service for SCADA, Process Control Systems and Instrumentation Support

BACKGROUND:

The Dyal Water Treatment Plant (WTP) is a large potable water production facility that uses an intricate Supervisory Controls and Data Acquisition (SCADA) system to monitor and control plant operations. Jacobs, Cocoa's contract engineering firm, provides on-going engineering services for the Dyal WTP and its SCADA system as outlined in Task Order 2021-13, Task 2 - SCADA, Process Control Systems and Instrumentation Support. After a recent review of remaining items to be completed during FY21, it was determined that additional funds are required to successfully complete the SCADA related tasks. These tasks include:

- Providing additional operational support related to upgraded SCADA servers
- Establishing enhanced SCADA cybersecurity policies
- Increasing operational support related to water supply and treatment processes

The budget for Task 2 was originally established at \$235,620. An additional \$64,916 (rounded to \$65,000) is required to complete the necessary support tasks as outlined above, and is detailed within the attached documentation. Funding for the \$65,000 is available from instrumentation expenses that will not be spent.

The Dyal WTP management staff have reviewed the scope of additional services for accuracy, and recommends approval of the proposed change order.

STRATEGIC PLAN CONNECTION:

N/A

BUDGETARY IMPACT:

Budgeted	No
If not budgeted, is amendment/transfer attached?	Yes, BAF #21-082-A
Amount Requested	\$65,000
Account Number	421-4020-536.31-03
Account Name	Engineering Support
Source of Funds:	424-4020-536.64-15, WS18DW
Account Name:	IT Hardware
Change Order Amount	\$65,000
Original Purchase Order	77434
Original P.O. Amount	\$374,708
Total number of change orders to date	1
Total amount in change orders to date	\$65,000

PREVIOUS ACTION:

On October 27, 2020, City Council approved Task Order No. 2021-13 with Jacobs Engineering Group, Inc. for Services for SCADA, Process Control Systems, and Instrumentation.

RECOMMENDED MOTION:

To Approve Amendment No. 1 to Task Order No. 2021-13 with Jacobs Engineering Group, Inc. for Engineering Services for SCADA, Process Control Systems and Instrumentation Support; To Approve a Resolution Amending the FY2021 Budget to Reallocate Funds from Account 424-4020-536.64-15, IT Hardware, Project No. WS18DW to Account 421-4020-536.31-03, Engineering Support, BAF #21-082-A; To Authorize the City Manager to Approve Change Order No. 1 to FY2021 P.O. 77434 with Jacobs Engineering Service for SCADA, Process Control Systems and Instrumentation Support.