



**Long Beach Water**

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## **Board of Water Commissioners**

July 2, 2020 Board Meeting

CHRISTOPHER J. GARNER, General Manager

### **Subject:**

Authorize the General Manager to execute an amendment to Agreement WD-3488 Purchase Order No. 21911499 with JIG Consultants, to increase fees to provide Construction Management and Inspection Services for the Large Potable Water Valve Replacement Project – 2016 Redondo Avenue and Kilroy Airport Way, Long Beach Groundwater Treatment Plant (EO-3329), by \$128,250, to an amount not-to-exceed \$285,000.

### **Executive Summary:**

On July 11, 2019, the Board of Water Commissioners authorized the construction for the Large Potable Water Valve Replacement Project - 2016. This project lies at the corner of Redondo Avenue and Kilroy Airport Way and replaces four (4) critical large potable water valves used to manage the blending of Long Beach groundwater and Metropolitan Water District (MWD) imported water. In order to support the project, the Long Beach Water Department (LBWD) entered into a contract on September 9, 2019 with the firm JIG Consultants in the amount of \$156,750 to provide construction management and inspection services.

This project was difficult to construct due to a tight schedule for replacing the large potable water valves, unknown utility interferences, and constructability issues due to water leaks on exiting valves. Keeping the construction duration as short as possible was a challenge and critical for this project as the Groundwater Treatment Plant (GWTP) was on reduced water production and one of the MWD connections to Long Beach was disconnected during construction. Additionally, the construction schedule was impacted due to upsizing the bypass system pipe, design of a second bypass system, and water leak-by on existing valves. In order to keep the impact to the finances of the department at a minimum, the project was authorized to move forward with the intention of bringing an update to the Board of Water Commissioners as soon as possible. Upon completion of the project, Staff worked with both the Contractor and Construction Management Consultant to address their respective changes in the scope of work. A summary of those changes is as follows:

