Legislation Text

File #: 2019-0434, **Version:** 1

Consider a resolution authorizing the Mayor to execute Quantity Adjustment/Change Order No. 1 with T. Morales Company Electric & Controls, Ltd. for the Water Treatment Plant & Lake Georgetown Pump & Power Modifications Project.

The Water Treatment Plant (WTP) & Lake Georgetown Pump & Power Modification Project includes work at both the WTP High Service Pump Station and the Lake Georgetown Raw Water Pump Station. Most of the electrical equipment at the pump station has reached the end of its design life and is no longer supported by the manufacturer. The goal of this project was to replace the obsolete electrical equipment at the pump station, add an automatic transfer switch to the existing generators at each site, and various electrical improvements.

At the WTP High Service Pump Station (Pumps 7-11), the work includes demolition of the existing generator distribution panel and related underground ductbanks. It includes the installation of a new electrical building, ductbanks, and automatic transfer switch for the generator. This work requires the electrical feed to the existing generator at the WTP to be disconnected for 10 to 12 months. Immediately after bidding the project, it became apparent that the Brushy Creek Regional Utility Authority (BCRUA) would be closing their WTP from early November to April and would not be able to provide Round Rock a backup water source during the early portion of the project.

Change Order No. 1 for $85,621 is to provide temporary backup power from our generator to the pump control electrical building which allows the generator to stay operational during the project. The generator will provide enough power to maintain necessary WTP controls and provide partial pumping capabilities during the event of a power outage. This change order also includes the repair of an existing transformer at the Lake Georgetown Raw Water Pump Station site that began leaking oil on November 9th.

Cost: $85,621
Source of Funds: Self-Financed Water Construction