



## Legislation Text

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**File #:** 2020-0279, **Version:** 1

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Consider a resolution authorizing the Mayor to execute a Contract with Control Panels USA, Inc. for the Communications and Water Treatment Plant Control Improvements Project.

The Communications and Water Plant Control System Improvements project will involve updating communication infrastructure in Round Rock's water treatment plant (WTP), reuse water distribution system, water distribution system and wastewater collection system.

Due to the rapid advancement of technology, the electronic control system infrastructure associated with Round Rock's WTP has either become outdated, reached its design life, or is no longer supported by the manufacturer. This project will reorganize, consolidate controls, upgrade the hardware, and network components to current industry standards. Updating the WTP's hardware also provides the opportunity to switch the WTP's operating platform to match the operating platform currently being installed at the Brushy Creek East Regional Wastewater Treatment Plant. Updating the hardware and using the same operating platform and programming architecture across the entire water and wastewater system provides for operational efficiency and a more maintainable system.

Additionally, this project will update the current field communication network to a modern cellular network. Doing this will allow for increased reliability in the system, the ability to transmit more information and increased ease in adding additional monitoring to the system.

The Utilities & Environmental Services Department opened five bids on September 3 ,2020.

Bidder	Total Base Bid
Soap Engineering, LLC	\$1,323,025
Control Panels USC Inc.	\$2,495,359
Prime Controls. L.P.	\$2,967,859
Walker Engineering	\$4,899,000
Commerce Controls	\$2,981,172

SOAP Engineering was the apparent low bidder with a bid 45% lower than the engineer's estimate of \$2,400,000. After meeting with SOAP Engineering and discussing the project, SOAP Engineering realized an error on their initial bid. SOAP Engineering formally requested that their bid be retracted on September 18, 2020.

After further evaluation, the Utilities & Environmental Services Department and the design engineer, Plummer Associates, recommend entering an agreement with the second lowest bidder, Control Panels USA Inc. for \$2,495,359.

***Cost: \$2,495,359***

***Source of Funds: Self-Financed Water Construction, Self-Financed Wastewater Construction***