



Legislation Text

File #: 2020-0090, **Version:** 1

Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with Alan Plummer Associates, Inc. for the Brushy Creek Regional Wastewater System (BCRWWS) East Wastewater Treatment Plant (WWTP) Expansion (Construction Phase Services) Project.

The Brushy Creek Regional Wastewater System (BCRWWS) East Wastewater Treatment Plant (WWTP) is owned by the Cities of Round Rock, Austin, and Cedar Park. The City of Leander is buying into the BCRWWS by cost participating in the expansion project. This project expands the BCRWWS East WWTP capacity from 20 million gallons per day (MGD) to 30 MGD, and upgrades the plant's ability to treat to a higher level to meet stricter Texas Commission on Environmental Quality (TCEQ) permit requirements. Most, if not all, of the existing plant improvements, were driven by the expansion of the plant to 30 MGD. This caused the discharge permit from the TCEQ to be more strict than at the lower permitted flows.

The City of Round Rock entered into a contract with Alan Plummer Associates, Inc. (APAI) on August 10, 2017, in the amount of \$1,662,593 to perform the preliminary engineering services necessary for the expansion of the BCRWWS East WWTP.

Supplemental Agreement No. 1 with APAI added additional services, which included surveying, geotechnical data collection, and equipment pre-selection services. These tasks were not included in the preliminary engineering and were needed before beginning the final design. Equipment pre-selection established specific products and manufacturers for almost all of the large equipment to be installed and constructed with the plant expansion project. Supplemental Contract No. 1 was \$500,000, bringing the total engineering for the project to \$2,162,593.

Supplemental Contract No. 2 for Final Design for \$7,909,514 has now been completed. The contract also included bidding phase services. Total engineering costs approved through the bidding phase amounted to \$10,072,107. This contract with Plummer is to provide construction phase services for the expansion project. It includes, amongst other services, providing two full-time onsite people to perform construction oversight on behalf of the owners. Other primary functions to be provided include processing requests for information and change orders from the contractor, equipment and materials testing, day-to-day and final walk-through inspections, and approving as-built plans. These services will be needed thru the end of the construction project, which is anticipated to last three years.

The City of Round Rock is managing this project on behalf of all the partner cities. The City of Round Rock's cost share in the project is 12%. Therefore, the City's share of the engineering for this

contract is \$591,821.52 of the total contract amount of \$4,931,846.

Cost: \$4,931,846

Source of Funds: *Regional Wastewater Projects*