City of Round Rock

221 East Main Street
Round Rock, Texas 78664

Legislation Details (With Text)

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Type:	Resolution	**Status:**	Approved
File created:	7/25/2022	**In control:**	City Council
On agenda:	8/11/2022	**Final action:**	8/11/2022
Title:	Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with K. Friese & Associates, Inc. for the BCRWWS Wastewater Master Plan Project.		
Sponsors:			
Indexes:	Regional Wastewater Projects		
Code sections:			
Attachments:	1. Resolution, 2. Exhibit A, 3. Form 1295		

Date	Ver.	Action By	Action	Result
8/11/2022	1	City Council	approve	Pass

Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with K. Friese & Associates, Inc. for the BCRWWS Wastewater Master Plan Project.

The Brushy Creek Regional Wastewater System (BCRWWS) is a regional wastewater system including the cities of Austin, Cedar Park, Leander, and Round Rock. Brushy Creek Municipal Utility District (MUD) and Fern Bluff MUD are sub-regional customers with the City of Round Rock. Since a regional Master Plan has not been performed in quite some time, and in light of the fast growth of the four partner Cities, the Operating Committee decided to conduct a regional Master Plan. K. Friese was selected as the engineering firm since they have good historical knowledge of the Cities and the BCRWWS. K.Friese will use Plummer & Associates to support the development of options for expanding the treatment facilities.

The main components of the Master Plan include the following:
*Collecting current data including pipelines, manholes, lift stations, wastewater service areas, CCN, ETJ, City limits, wastewater treatment facilities, solids handling methods, and wastewater characteristics.
*Perform a hydraulic model for the regional system showing current and projected future conditions.
*Evaluate current flow meter information to verify the hydraulic model, and perform a capacity analysis of the current system.
*Develop a long range CIP for the treatment and collection systems based on flow and population projections including estimated probable costs and the timing for the projects.

The final Master Plan report is scheduled to take about one year to produce. The City of Round Rock's portion of this contract is 60.76% which is $302,578.34.

Cost: $497,989.37
Source of Funds: Regional Wastewater Projects