



Legislation Text

File #: 21-4124, **Version:** 1

Resolution - A Resolution Authorizing an Engineering Services Agreement with Freese and Nichols, Inc. for the Water and Wastewater Regional Planning Assistance for an Amount not to Exceed \$123,000.00

Consider the Resolution authorizing an engineering services agreement with Freese and Nichols, Inc.

Utility Staff recommends approval of the Resolution.

The City of Mansfield (CITY) is experiencing rapid growth in the southern portion of its service area, potentially triggering the need for water and wastewater improvements identified in its Master Plan update. Mansfield has also been contacted by existing and proposed wholesale customers requesting increases in water supply. The City is requesting Freese and Nichols, Inc. (FNI) to help develop a comprehensive strategy for providing water service to its retail and wholesale customers and wastewater service to retail growth.

Water Strategic Planning Deliverables

- Updated Retail Water Demands for Mansfield (2022, 2025, 2030, 2035, 2050)
- Updated Wholesale Water Supply Projections for Mansfield (2022, 2025, 2030, 2035, 2050)
- Total Projected Avg Day and Max Day Water Supply Needs for Mansfield (Series of Ranges Depending on the Number of Wholesale Customers Contracted) (2022, 2025, 2030, 2035, 2050)
- Updated Retail Service Area Map for Mansfield
- Updated Wholesale Service Area Map for Mansfield
- Updated Total Service Area Map for Mansfield
- Updated Water Treatment Capacity Needs (Series of Ranges Depending on the Number of Wholesale Customers Contracted)
- Strategic Regional Planning Report

Wastewater Strategic Planning Deliverables

- Updated Retail Wastewater Flows for Mansfield By Basin (2022, 2025, 2030, 2050)
- Updated Retail Service Area Map for Mansfield (Series of Alternatives Looking at Flows to TRA Central vs Flow to TRA Mountain Creek)
- Updated Wastewater Capacity Needs for Mansfield By Basin to Each TRA Wholesale System
- Strategic Regional Planning Report

FNI is the consultant the City utilizes to update the Water and Wastewater Master Plan and run the water and sewer models. FNI is involved in the regional planning efforts undertaken by the Region C planning group for the State Water Plan. Staff is confident FNI's experience and expertise in these areas will correlate to the successful delivery of this project.

Utility Capital Funds

Jeff Price, Director of Utilities
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