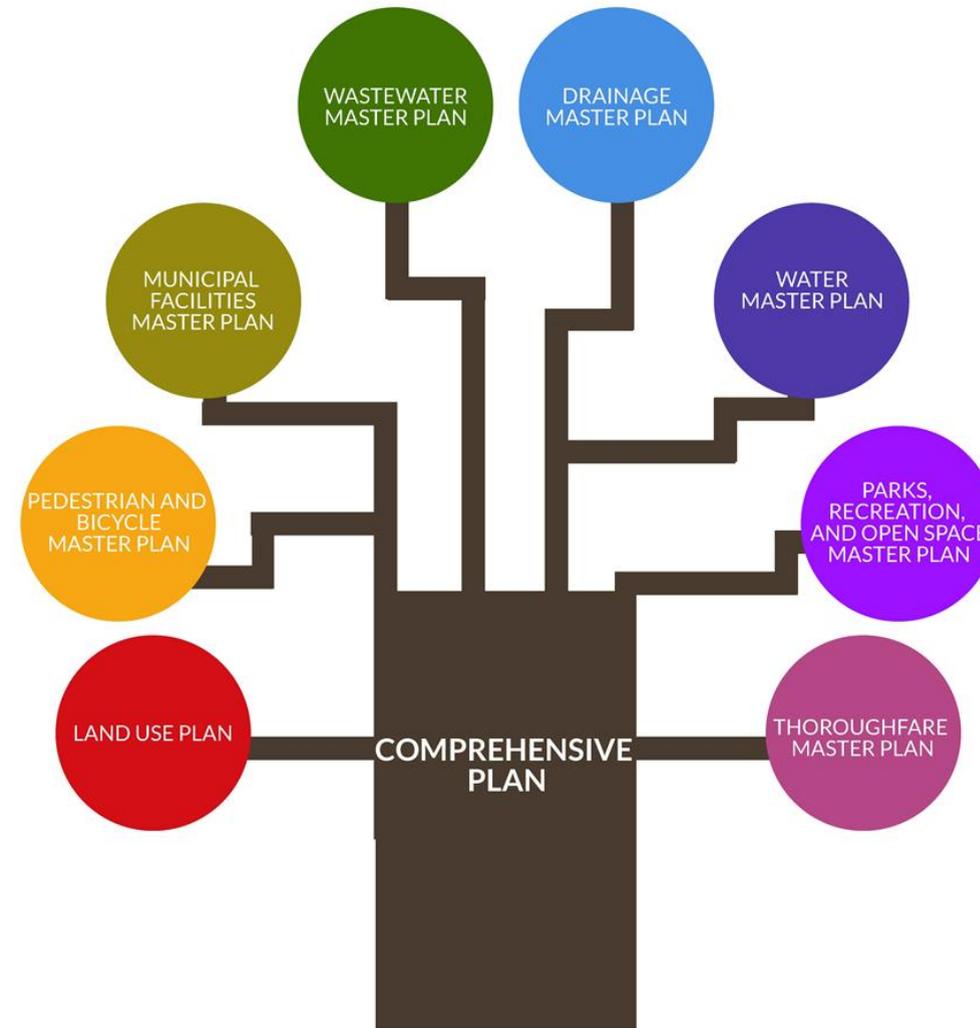


# Master Plans

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- 8 official master plans
- Elements of Comprehensive Plan
- Refine vision for particular subject area
- Documents policy direction
- Updated every 5-10 years



# **Project Background**

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- **Wastewater Master Plan:**
  - **1 of 8 master plans**
  - **Identifies long-range wastewater infrastructure needs**
  - **Last updated in 2012**
- **FY 17 & FY 18 Master Plan Annual reports**
  - **Identified need to update Wastewater Master Plan**

# **Goals and Objectives**

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**Will refine the following Comprehensive Plan goals and related objectives:**

- **Goal A: Safe Community**
- **Goal D: Environmentally Responsible Community**
- **Goal F: Great Neighborhoods**
- **Goal I: Regional Business Center of Excellence**
- **Goal J: Balanced Development and Redevelopment**
- **Goal K: Community Pride in Sugar Land**

# Master Plan Update

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**Staff worked to develop 3 Objectives**

- 1. Address current policy needs with respect to growth and development**
- 2. Expand the current planning area to include recently annexed Greatwood and New Territory**
- 3. Incorporate recommendations from the Integrated Water Resource Plan (IWRP)**

# Wastewater Master Plan Update

## Consultant Selection

- **October 31, 2018 City Advertised RFQ**
- **November 29, 2018 City received 5 Submissions**
- **Evaluation team included**
  - **Planning**
  - **Engineering**
  - **Public Works**
- **January 16, 2019 interviewed top 2 teams**
- **After interviews, selected Freese and Nichols Inc.**

# Wastewater Master Plan Update

Task	Task Description
A	Conduct stakeholder kickoff meeting and initial data review
B	Evaluate and update planning policy
C	Analyze lift station peaking factor report/prepare summary mapping
D	Develop wastewater system inventory and update hydraulic model
E	Conduct lift station and manhole survey and measure downs
F	Conduct wastewater model calibration
G	Develop population and wastewater flow projections
H	Conduct existing and future wastewater system capacity analyses
I	Incorporate wastewater asset management studies
J	Incorporate reuse strategies from the IWRP
K	Develop wastewater capital improvements plan
L	Prepare master plan report summarizing policies and capital needs

# **Project Budget & Schedule**

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## **Schedule**

- **Wastewater System planning - 10/31/2019**
- **Wastewater System CIP - 05/31/2020**
- **Draft Wastewater Plan Report - 7/31/2020**
- **Final Wastewater Master Plan Report - 9/1/2020**

## **Budget**

- **Total Contract Amount \$349,000**
- **Current Approved Budget \$350,000**
- **Funds are within the FY 19 Utilities O&M budget**

# Public Process

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- **Planning and Zoning Commission**
  - Hold public hearing
  - Provide input and feedback on the draft plan
  - Make a recommendation to City Council
- **City Council**
  - Provide strategic direction during Plan development
  - Hold public hearing
  - Adopt Plan through ordinance

# **Recommendation**

**Staff recommends the authorization and approval of contract with Freese and Nichols for Wastewater Master Plan Update project in the amount not to exceed \$349,000.00.**

# CLARIFYING QUESTIONS FOR STAFF

# COUNCIL MOTION & DISCUSSION