



City of Lauderhill

City Commission
Chambers at City Hall
5581 W. Oakland Park
Blvd.
Lauderhill, FL, 33313
www.lauderhill-fl.gov

File Details

File Number: 24R-5559

File ID: 24R-5559

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Commission Meeting

File Created: 02/29/2024

File Name: A resolution approving the Proposal from Craig A. Smith & Associates in the amount of \$78,130.00 to conduct an assessment of the Water Treatment Plant. The assessment will consist of an onsite evaluation and review of all major components and Water Treatm

Final Action:

Title: RESOLUTION NO. 24R-03-43: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF LAUDERHILL ACCEPTING THE PROPOSAL FROM PREVIOUSLY COMMISSION-APPROVED QUALIFIED CONSULTANT, CRAIG A. SMITH, IN AN AMOUNT NOT TO EXCEED \$78,130.00 FOR AN ASSESSMENT OF THE WATER TREATMENT PLANT; PROVIDING FOR PAYMENT FROM THE APPROPRIATE BUDGET CODE NUMBERS; PROVIDING FOR AN EFFECTIVE DATE (REQUESTED BY CITY MANAGER, DESORAE GILES-SMITH).

Notes:

Sponsors:

Enactment Date:

Attachments: RES-24R-03-43-Proposal-Craig A Smith-Water Treatment Plant.pdf, Craig A Smith - WTP Evaluation

Enactment Number:

Contact:

Hearing Date:

* **Drafter:** hjohnson@laudershill-fl.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File 24R-5559

RESOLUTION NO. 24R-03-43: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF LAUDERHILL ACCEPTING THE PROPOSAL FROM PREVIOUSLY COMMISSION-APPROVED QUALIFIED CONSULTANT, CRAIG A. SMITH, IN AN

AMOUNT NOT TO EXCEED \$78,130.00 FOR AN ASSESSMENT OF THE WATER TREATMENT PLANT; PROVIDING FOR PAYMENT FROM THE APPROPRIATE BUDGET CODE NUMBERS; PROVIDING FOR AN EFFECTIVE DATE (REQUESTED BY CITY MANAGER, DESORAE GILES-SMITH).

Request Action:

State the action requested of the Commission and why the action is necessary. What is the expected outcome of the action?

Requesting Commission approval of the Proposal from Craig A. Smith & Associates in the amount of \$78,130.00 to conduct an assessment of the Water Treatment Plant. The assessment will consist of an onsite evaluation, review, and provide recommendations of all major components related to Water Treatment Plant facilities.

Need:

Why is there a need for this action?

The Utilities Department operates and maintains a 16mgd lime softening Water Plant. A Water Treatment Plant assessment is needed to evaluate the current condition of the Water Treatment Plant and to provide recommendations towards future upgrades to the existing system. The report will include a description of each of the Water Plants Major process components and will present the process and mechanical components needs, priority, age and current condition with recommendations concerning repairs and or replacement of each component.

The following components consist of the Physical Treatment components:

- Six Raw Water Wells and associated components
- Two Infilco Degremont acceleator solids contact clarifiers
- Two Infilco Degremont green leaf filters
- The Clearwell and its five pumps
- The three Ingrity Municipal lime slakers
- The Lime slakers and chemical building, metering pumps, mixing tanks, and electrical controls
- Two lime sludge thickeners
- Five transfer pumps
- The Aqua ammonia system including the metering pumps and scrubber
- Two 3 million gallon storage tanks and One 2 million storage tank
- Five high service pumps and its electrical controls
- The Vacuum Filter Building
- Two emergency generators and electrical controls

Summary Explanation/ Background:

Provide a summary/background of this agenda request.

The purpose of this assessment is to evaluate and determine the current conditions of the Water Treatment Plant and provide recommendations for future upgrades as it relates to the following components of the Water Treatment Plant.

Attachments:

Number all attachments consecutively.

1. Proposal from Craig A. Smith

Cost Summary/ Fiscal Impact:

Include projected cost, approved budget amount and account number, source of funds, and any future funding requirements

The budget code to be used for the service is 401.918.6358, 401.918.6423. and 401.918.6477 in the amount of \$78,130.00

Estimated Time for Presentation:

Master Plan:

Goal 1: Clean, Green Sustainable Environment

- Increase mass transit ridership
- Reduce City energy consumption
- Reduce water consumption

Goal 2: Safe and Secure City of Lauderhill

- Crime in lower 50% in Broward
- Residents feel safe in neighborhood
- Reduce emergency fatalities

Goal 3: Open Spaces and Active Lifestyle for all ages

- Increase participation in youth sports
- Add new park land and amenities
- Increase attendance at cultural programs and classes

Goal 4: Growing Local Economy, Employment and Quality of Commercial Areas

- Increase commercial tax base
- Increase employment in Lauderhill businesses
- Decrease noxious and blighted uses in commercial areas

Goal 5: Quality Housing at all Price Ranges and Attractive Communities

- Neighborhood signs and active HOAs
- Housing & streets improved, litter reduced
- Increase proportion of single family homes and owner occupied housing

Goal 6: Efficient and Effective City Government, Customer Focused & Values Diversity

- Improves City efficiency
- Increase use of Information Technology
- Increases residents perception of Lauderhill as an excellent place to live