Legislation Details (With Text)

File #:	R-2024-126	**Version:**	1	**Name:**	ATP H&S 24-02 Oxygen Generation System Evaluation
Type:	Resolution			**Status:**	Passed
File created:	3/21/2024			**In control:**	Department of Public Utilities
On agenda:	4/17/2024			**Final action:**	4/17/2024
Title:	A Resolution Of The City Commission Of The City Of Hollywood, Florida, Approving And Authorizing The Appropriate City Officials To Execute An Authorization To Proceed For Work Order No. H&S 24-02 With Hazen And Sawyer, P.C. To Provide Professional Engineering Services For The Evaluation Of Oxygen Generation System Upgrade Alternatives At The Southern Regional Wastewater Treatment Plant In An Amount Up To $175,000.00.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	1. 01 - Resolution - H&S 24-02 Oxygen Generation Sys Eval.pdf, 2. ATP - H&S 24-02 Oxygen Generation Sys Eval.pdf, 3. Proposal - H&S 24-02 Oxygen Generation Sys Eval.pdf, 4. Consulting Agreement - Hazen and Sawyer P.C.pdf, 5. R-2023-251 - Consulting Services Agreement.pdf				

Date	Ver.	Action By	Action	Result
4/17/2024	1	Regular City Commission Meeting	adopt	Pass

A Resolution Of The City Commission Of The City Of Hollywood, Florida, Approving And Authorizing The Appropriate City Officials To Execute An Authorization To Proceed For Work Order No. H&S 24-02 With Hazen And Sawyer, P.C. To Provide Professional Engineering Services For The Evaluation Of Oxygen Generation System Upgrade Alternatives At The Southern Regional Wastewater Treatment Plant In An Amount Up To $175,000.00.

Infrastructure & Facilities

Staff Recommends: Approval of the attached Resolution.

Explanation:
The Department of Public Utilities (“Department”) operates the 55.5 million-gallon per day Southern Regional Wastewater Treatment Plant (“SRWWTP”), which includes various wastewater treatment processes. The Cryogenic Plant at the SRWWTP produces the pure oxygen supply necessary for the biological treatment of the wastewater received at this facility.

The Cryogenic Plant, which was built in 1978, and rehabilitated in 2007, has experienced frequent failures. Replacement parts and contractors for legacy cryogenic systems have recently become increasingly scarce and costly. The Department therefore desires to

evaluate the alternatives in cryogenic plant technology.

On August 30, 2023, new continuing professional consulting engineering services contracts with five firms for Water Treatment Plant and SRWWTP projects were recommended for City Commission approval and execution, with one of the firms being Hazen & Sawyer P.C. ("H&S"). Department staff requested a proposal from H&S to provide professional engineering services required for the evaluation of alternatives for replacement of the existing cryogenic plant.

H&S submitted a proposal to provide the requested engineering services in an amount up to $175,000.00. Department staff evaluated the scope and fee proposal and determined that the negotiated fee is fair, reasonable, and in accordance with industry standards.

This agenda item seeks the City Commission's approval and authorization for the appropriate City officials to execute an Authorization to Proceed for Work Order Number H&S 24-02 with H&S for evaluation of oxygen generation system upgrade options at the SRWWTP in an amount up to $175,000.00.

Upon authorization from the City Commission, the project is estimated to be completed within six months of the issuance of the Authorization to Proceed.

Fiscal Impact
Funding for this evaluation was included in the amended FY 2024 Capital Improvement Plan and is available in account number 442.409903.53600.531213.001791.000.000.

Department staff will manage this project. No additional staff are needed as a result of this project.

Recommended for inclusion on the agenda by:
Feng ("Jeff") Jiang, Assistant Director, Department of Public Utilities
Vincent Morello, Director, Department of Public Utilities
Gus Zambrano, Assistant City Manager/Sustainable Development