



City of Hollywood

Hollywood City Hall
2600 Hollywood Blvd
Hollywood, FL 33020
<http://www.hollywoodfl.org>

Legislation Text

File #: R-2023-249, **Version:** 1

A Resolution Of The City Commission Of The City Of Hollywood, Florida, Approving And Authorizing The Appropriate City Officials To Execute Amendment No.1 To The Authorization To Proceed For Work Order Number ARC 22-02 With Arcadis U.S., Inc. For Additional Professional Engineering Services Related To The Design Of A 4-Log Virus Disinfection Process At The Water Treatment Plant In An Amount Up To \$114,517.00.

Infrastructure & Facilities

Staff Recommends: Approval of the attached Resolution.

Explanation:

The City of Hollywood's Water Treatment Plant ("WTP") is a 59.5 million gallons per day facility that produces high quality drinking water for City residents and businesses as well as several surrounding areas. The WTP also provides wholesale water to Broward County and emergency water connection with the City of Dania Beach. The WTP treats water from the City's Biscayne Aquifer and Floridan Aquifer wellfields. It also purchases and treats raw groundwater from Broward County's South Regional Wellfield.

The Environmental Protection Agency's Ground Water Rule allows public water systems with demonstrably reliable 4-Log (99.99%) inactivation or removal of viruses to bypass boil water requirements. Department of Public Utilities ("Department") staff have determined that the City should pursue 4-Log Virus Treatment certification for the WTP to improve the quality and reliability of our water system.

On September 20, 2017, the City Commission passed and adopted Resolution No. R-2017-283 which authorized the execution of continuing professional consulting engineering services contracts with four firms for WTP and Southern Regional Wastewater Treatment Plant projects, one of the firms being Arcadis U.S., Inc. ("Arcadis"). On July 26, 2021, the continuing services contract with Arcadis was renewed for a two-year period. The agreement includes insurance and indemnification provisions that meet the City's requirements and give the City the right to terminate for convenience.

On November 3, 2021, pursuant to Resolution No. R-2021-284, the City Commission approved and authorized the execution of an Authorization to Proceed with Arcadis U.S., Inc., for the design and implementation of 4-Log Virus Disinfection Process at the WTP. Department staff determined that additional related engineering tasks are needed at the WTP

including modifications to the chemical storage room and south header chlorine injection point, replacement of the chlorine tank, and the installation of a new ammonia feed by-pass line.

Department staff requested a proposal from Arcadis for the afore-mentioned additional engineering services and negotiated a project scope and not to exceed fee in the amount of \$114,517.00. Staff evaluated the scope and fee and determined that the negotiated fee is fair, reasonable, and in accordance with industry standards.

This agenda item seeks approval of execution of Amendment No.1 to the Authorization to Proceed for Work Order Number ARC 22-02 for professional engineering services with Arcadis US, Inc. for the Design and Implementation of a 4-Log Virus Disinfection Process at the WTP based upon the amendment scope and fees and the terms and conditions of the current Continuing Services Agreement.

Upon authorization from the City Commission, Arcadis will complete the proposed additional professional engineering services within 12 weeks of the date of issuance of the Authorization to Proceed.

Fiscal Impact

Funding for this project was included in the amended FY 2023 Capital Improvement Plan and is available in account number 442.409901.53600.531210.001251.000.000.

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

Recommended for inclusion on the agenda by:

Vincent Morello, Director, Department of Public Utilities

Gus Zambrano, Assistant City Manager/Sustainable Development

Attachments:

Resolution - ATP ARC 22-02 Amend. No. 1 WTP 4-Log Virus Treatment Design

ATP - ATP ARC 22-02 Amend. No. 1 WTP 4-Log Virus Treatment Design

Continuing Services Agreement - ATP ARC 22-02 Amend. No. 1 WTP 4-Log Virus Treatment Design

Proposal - ATP ARC 22-02 Amend. No. 1D WTP 4-Log Virus Treatment Design

Renewal Letter - ATP ARC 22-02 Amend. No. 1 WTP 4-Log Virus Treatment Design

Resolution R-2021-284 - ATP ARC 22-02 Amend. No. 1 WTP 4-Log Virus Treatment Design