

EXHIBIT 1
RESOLUTION NO. 2019 -

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO ISSUE A WORK AUTHORIZATION TO CALVIN GIORDANO AND ASSOCIATES, INC. IN ACCORDANCE WITH RFP #FY2013-2014-006, CONTINUING SERVICES, TO PROVIDE PROFESSIONAL ENGINEERING DESIGN AND PERMITTING SERVICES FOR A PHASE II DESIGN TO EXTEND THE REUSE WATER USAGE TO PORTIONS OF THREE ISLAND BOULEVARD (BETWEEN SCAVO PARK AND HALLANDALE BEACH BOULEVARD) AND THE ENTIRE LENGTHS OF PARKVIEW DRIVE AND LESLIE DRIVE ROADWAYS FOR AN AMOUNT NOT-TO-EXCEED ONE HUNDRED SEVENTEEN THOUSAND SIX HUNDRED AND FIFTEEN DOLLARS (\$117,615); AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Hallandale Beach currently transmits the wastewater generated throughout its boundaries to the Southern Regional Wastewater Treatment Plant in Hollywood. The Southern Regional Wastewater Treatment Plant treats the wastewater thus creating reuse or reclaim water; and

WHEREAS, On June 15, 2011, the City Commission authorized the submittal of a grant application to the Broward County Integrated Water Resource Program (IWRP) for Fiscal Year 2010-2011. This grant application requested funding for the implementation of a reuse water program utilizing reuse water from the City of Hollywood. This grant assisted in funding the feasibility study for the reuse water transmission line from Wiley Street in Hollywood to Joseph Scavo park in the Three Islands area; and

WHEREAS, On March 29, 2013, a feasibility study providing the engineering design services for the construction of an eight (8) inch reclaimed water main was completed by Miller Legg (Exhibit 2). The 8-inch main provides reuse water from the City of Hollywood to Joseph Scavo Park. The reuse water is used to irrigate Scavo Park as well as the surrounding medians on Three Islands Boulevard. This initial project (Phase I) forms the backbone of a larger reuse service area that may be developed in the future; and

WHEREAS, On March 18, 2015 the City Commission authorized the award of a contract utilizing RFP # FY 2013-2014-006, Continuing Professional Architectural and Engineering

Services Contract, to EAC Consulting Inc. (Exhibit 3). This contract expanded the feasibility study to include engineering design plans, permitting and limited post design services; and

WHEREAS, on May 6, 2016, the City issued an Invitation to Bid FY2015-2016-009-001, Three Islands Reuse Irrigation Project (Phase I). The bid was awarded on August 17, 2016, to the lowest responsible responsive bidder Close Construction, LLC; and

WHEREAS, Construction of Phase I of the Three Islands Reuse Irrigation Project was completed on April 13, 2018. This Phase I design allows for the expansion of the reuse water project.

WHEREAS, to further reduce potable water consumption, the City seeks to expand the existing Phase I water reuse project. The Phase II design will extend the reuse water usage to portions of Three Island Boulevard (between Scavo Park and Hallandale Beach Boulevard) and the entire lengths of Parkview Drive and Leslie Drive roadways (Exhibit 5); and

WHEREAS, utilizing the Continuing Professional Architectural and Engineering Services RFP #FY 2013-2014-006, Staff seeks to engage the services of Calvin, Giordano & Associates, Inc. to provide design services to include engineering plans, permitting and limited post design services; and

WHEREAS, On October 4, 2019, Calvin, Giordano and Associates, Inc., submitted a fee proposal to develop construction documents for Phase II of the reuse water project in the amount of \$117,615.00 dollars (Exhibit 6).

The scope of work for Calvin, Giordano & Associates, Inc., includes the following:

1. Project Management.
2. Utility Coordination and Subsurface Investigation.
3. Route Survey.
4. Geotechnical Engineering Services.
5. Design Submission.
6. Electrical Engineering Services.
7. Permitting.
8. Bidding Services.
9. Limited Construction Services.

WHEREAS, the proposed Phase II design is anticipated to result in projected savings of \$47.01 / 25,000 gallons per day, equating to \$17,158.65 per year; and

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123 APPROVED AS TO LEGAL SUFFICIENCY AND
124 FORM
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128 JENNIFER MERINO
129 CITY ATTORNEY
