"The Best Waterfront City in Which to Live, Work and Play."

CITY OF RIVIERA BEACH – MEMORANDUM

TO: HON. MAYOR, CHAIRPERSON, AND CITY COUNCIL

THROUGH: JONATHAN EVANS, MPA, MBA, ICMA-CM

FROM: JONATHAN BATISTA, INTERIM EXECUTIVE DIRECTOR

SUBJECT: **BROWN AND CALDWELL DRINKING WATER SYSTEM RISK AND RESILIENCE ASSESSMENT**

DATE: MARCH 17, 2021

CC: GENERAL PUBLIC

Background:

The City of Riviera Beach Utility Special District (DISTRICT) has requested that Brown and Caldwell assist in conducting a Risk and Resilience Assessment (RRA) of its drinking water system in keeping with the deadline and other requirements of the America's Water Infrastructure Act (AWIA).

More specifically, on October 23, 2018 AWIA was signed into law. The law requires each community water system serving more than 3,300 people to develop or update its RRA and Emergency Response Plan (ERP). In complement, each community water system is identified by its public water supplier identification number.

Further, the law specifies the components that risk assessments and ERPs must address and it establishes deadlines by which a community water system must certify to the U.S. Environmental Protection Agency (EPA) completion of the RRA and ERP. Deadlines for completing and certifying RRAs/ERPs vary by the number of customers the agency serves. The deadline for completing and certifying an ERP is six months following the RRA certification.

The City of Riviera Beach Utility Special District owns and operates a community water system that is comprised of groundwater supply wells, water treatment and pumping systems, and storage



and distribution facilities. Based on its population size, the deadline for USD to certify its RRA is June 30, 2021.

AWIA requires RRAs to include:

- The risk to the system from malevolent acts and natural hazards.
- The resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, or other automated systems (including the security of such systems) which are utilized by the system.
- The monitoring practices of the system.
- The financial infrastructure of the system.
- The use, storage, or handling of various chemicals by the system.
- The operation and maintenance of the system.

In an effort to comply with respective regulations, the District is seeking the professional services of Brown and Caldwell to assist in conducting an RRA of its drinking water system in keeping with the deadline and other requirements of AWIA.

City Goals:

The Citywide Goal is to Accelerate Operational Excellence.

Fiscal/Budget Impact:

This is a FY2021 Capital Budget expenditure in an amount not to exceed $101,996 from USD Enhancement Facility Project Number 18160, page 254.

Recommendation:

The Utility Special District recommends the approval of the associated Resolution which authorizes Brown and Caldwell to conduct a Drinking Water System Risk and Resilience Assessment.

Attachments:

Resolution

Proposal

