



# The City of Daytona Beach

## Utilities Department

**TO:** James V. Chisholm, City Manager  
**FROM:** Shannon Ponitz, Utilities Director *SP*  
**DATE:** December 7, 2018  
**SUBJECT:** Distribution System Cleaning – Utility Service Co., Inc., SUEZ Advanced Solutions

### REQUEST

Utilities Department requests the City Commission adopt a resolution approving a sole source contract with Utility Service Co., SUEZ Advanced Solutions, 1230 Peachtree St NE, Suite 1100, Atlanta, GA 30309 for potable water distribution system cleaning with the following provisions:

- Authorize the terms of the contract to be three years with two one-year options to renew;
- Authorize the City Manager to spend up to \$120,000 in FY2019; and
- Authorize the City Manager to renew the contract annually and expend such sums as budgeted each year.

### PURPOSE

The purpose of this request is to clean the distribution system in order to maintain water quality.

### CONSIDERATION

Over time, the potable water distribution system develops a build-up of biofilm and other soft deposits that can impact water quality. Ice Pigging is a method to effectively clean pipes without damaging the pipe and appurtenances as other pigging methods can. Standard pigging utilizes a rigid object that is pushed through the pipe by a large amount of water. The hard pig can get stuck in the pipe and by virtue of its unpliant nature, it is not able to clean around appurtenances protruding into the pipe. During ice pigging, an ice slurry is pushed through the pipe and naturally flows and scrubs around cracks, crevices, and protrusions in the pipes and does not rely on large amounts of water nor is there a possibility of the ice causing an obstruction. In addition, excavation is required when utilizing a rigid pig but ice pigging enters through a hydrant or a tap.

The department utilized this method in January 2018 and confirmed that Ice Pigging uses significantly less water during the cleaning period and appears to clean more thoroughly than other cleaning methods. Furthermore, this method lessened downtime of the system and ensures available water to our customers in a timely manner. The pipe lines to be cleaned in the first contract year are:

Tournament Dr. (LPGA to Champion Middle School)	5,100 LF
Thames Ave	1,000 LF
Halifax Ave. N (Seabreeze Blvd to University Blvd)	2,350 LF
S. Peninsula Blvd. (Ames Ln to Thames Ave)	3,850 LF
Wisteria Rd and Ocean Dunes Ter	2,270 LF

Utility Service Co, Inc., SUEZ Advance Solutions is the sole provider for the ice pigging methodology and technology.

### FUNDING

Funds are available in account 411-610250-536-534900-000000.

### RECOMMENDATION

Utilities Department recommends the City Commission adopt a resolution approving a sole source contract with Utility Service Co., SUEZ Advanced Solutions, 1230 Peachtree St NE, Suite 1100, Atlanta, GA 30309 for potable water distribution system cleaning with provisions.

### SCHEDULE

Commission Approval – January 2019

### ATTACHMENTS

Agenda Summary  
Sufficiency of Funds  
Contract