

AGENDA SUMMARY

The City of Daytona Beach

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|--|--|---|----------|------------|----------|--|----------|--|----------|---------------------------------|----------|
| <p>DEPARTMENT/DIVISION: Utilities Department</p> <p>STAFF CONTACT: Shannon T. Ponitz, P.E.</p> <p>ITEM TITLE: Resolution approving a sole source contract for three years and two one-year options to renew with Utility Service Co., SUEZ Advanced Solutions for Distribution System Cleaning</p> | <p>Meeting Date: Jan 9, 2019</p> <p>First Agenda Action: Jan 9, 2019</p> <p>Second Agenda Action:</p> | | | | | | | | | | |
| <p>ACTION (check one): Presentation <input type="checkbox"/> Discussion <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Ordinance <input type="checkbox"/> Resolution – PUBLIC HEARING <input type="checkbox"/> Ordinance on first reading – PUBLIC HEARING <input type="checkbox"/></p> | | | | | | | | | | | |
| <p>IS ITEM BUDGETED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> BUDGET \$ <u>120,000</u> TOTAL COST \$ <u>120,000</u></p> | | | | | | | | | | | |
| <p>VISION PLAN/STRATEGIC PLANNING INITIATIVE: <u>Maintaining and Improving Infrastructure</u></p> | | | | | | | | | | | |
| <p>BACKGROUND: <u>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.</u></p> <p><u>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:</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">Tournament Dr. (LPGA to Champion Middle School)</td> <td style="border-bottom: 1px solid black; text-align: right;">5,100 LF</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Thames Ave</td> <td style="border-bottom: 1px solid black; text-align: right;">1,000 LF</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Halifax Ave. N (Seabreeze Blvd to University Blvd)</td> <td style="border-bottom: 1px solid black; text-align: right;">2,350 LF</td> </tr> <tr> <td style="border-bottom: 1px solid black;">S. Peninsula Blvd. (Ames Ln to Thames Ave)</td> <td style="border-bottom: 1px solid black; text-align: right;">3,850 LF</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Wisteria Rd and Ocean Dunes Ter</td> <td style="border-bottom: 1px solid black; text-align: right;">2,270 LF</td> </tr> </table> <p><u>Utility Service Co., SUEZ Advanced Solutions is the sole provider for the ice pigging methodology and technology.</u></p> <p><u>Funds are available in account 411-610250-536-534900-000000.</u></p> | | 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 |
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| <p>STAFF/BOARD RECOMMENDATION: <u>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.</u></p> | | | | | | | | | | | |
| <p>REVIEWED BY AS REQUIRED:</p> | | | | | | | | | | | |

| DEPT./DIVISION HEAD | PURCHASING | LEGAL | CITY MANAGER |
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| <p><i>Shannon Priddy</i></p> <p>DATE: <u>12-14-18</u></p> | <p>APPROVED By FlickJoanne at 8:45 am, Dec 17, 2018</p> <p>DATE: _____</p> | <p><i>BS</i></p> <p>DATE: <u>12-19-18</u></p> | <p><i>[Signature]</i></p> <p>DATE: _____</p> |