

City of Brisbane

Agenda Report

TO: Honorable Mayor and City Council

FROM: Randy Breault, Director of Public Works/City Engineer via City Manager

SUBJECT: McLain Sanitary Sewer Pipe Emergency Replacement Project

DATE: January 4, 2018

City Council Goals:

To maintain and improve infrastructure. (#3)

Purpose:

To fund and ratify an emergency contract that has already been issued; this action is consistent with the community's values of ensuring the highest level of water quality, and of responding to and minimizing the impact of incidents.

Recommendation:

Approve a contract in a form to be determined by the City Attorney with Kingdom Pipelines Inc. in the amount of \$76,130 for the McLain Sanitary Sewer Pipe Emergency Replacement Project, and provide a supplemental appropriation of that amount to account 540-6130-560-52045.

Background:

The public sewer line in question is a 6" line that originates in Harold Avenue, traverses a very steep and overgrown slope down to McLain Avenue, and then follows McLain to a junction in San Bruno Avenue. The section being repaired is between Harold and McLain.

Subsequent to responding to a second sanitary sewer overflow and spot repair completed by staff, a video investigation of the line revealed that multiple sections of the aged vitrified clay pipe are in imminent danger of failure. The challenging nature of the terrain overlying the pipe required the use of machetes and chain saws to access the spot repair locations. Based on access issues, staff quickly designed a pipe-bursting repair method using high-density polyethylene pipe.

Discussion:

Because of the imminent danger posed by a catastrophic sewer overflow to the public and to the receiving waters of the state, staff consulted with the City Attorney and City Manager to issue an emergency contract to perform the repairs. Three general contractors familiar with working in Brisbane were contacted for a quote. Due to a backlog of work, only one contractor responded.

The contractor was given verbal approval to order the materials and commence work prior to the Christmas weekend. The action recommended tonight funds the special department expense account and formally approves a contract in a dollar amount requiring Council action.

Fiscal Impact:

The supplemental appropriation will come from retained earnings in the Utility Fund.

Measure of Success

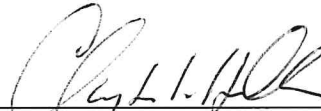
The prompt repair of a sewerline and prevention of further sanitary sewer overflows.

Attachments:

Kingdom Pipeline Inc. Estimate # 2017-019



Director of Public Works/City Engineer



City Manager

Kingdom Pipelines, Inc.
5750 Mission St
San Francisco
CA 94112

Estimate

Date	Estimate #
12/20/17	2017-019

Name / Address
City of Brisbane 50 Park Place Brisbane, CA 94005

Description	Project		
	1752 - Brisbane Various		
	Qty	Rate	Total
<p>Mclain/Harold Sanitary Sewer Pipe Repairs and Replacement with 6" DR17 Fused HDPE Mobilize, remove large root intrusion and blockage, repair/replace section of sewer, excavate at old point repair to remove ARC Coupling to facilitate pipe bursting. Four additional areas have been discovered by Brisbane forces requiring attention for removal of blockages. These are included.</p> <p>Mobilize for replacement of approximately 250lf of 6" sanitary sewer with fused DR17 HDPE by pipebursting and/or other means to give a continuous fused new line between manholes. Excavate at manholes, prepare mahole bascs, fuse pipe, restore manhole bases, backfill and compact at manholes. Demobilize.</p> <p>Excludes cctv, stabilization of site, additional point repairs.</p>	1	76,130.00	76,130.00
Total			\$76,130.00