



City Council Report

Date: January 11, 2010
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Waste Water Line Video Inspection
City Project No. 09-931-001
Citywide

**Strategic
Initiatives**



Purpose and Recommendation

The purpose of this report is to provide information to the Council on the bids received for the Waste Water Line Video Inspection Contract. Staff recommends that Council award this project to the low bidder, Sahuaro Pipeline Corp, DBA Valley Hydrovac, in the amount of \$73,975.00.

Background

The City inspects waste water lines to verify compliance with approved plans and to verify that new lines being accepted and maintained from developers and capital improvement projects are ready to receive waste water flows. Waste water inspection by video recording is the most effective method to inspect waste water lines and is required by Title 18 of the Arizona Administrative Code.

Discussion

This project is an annual contract to perform video recording on City capital improvement projects and development projects for the upcoming fiscal year. With this contract in place, the City will be able to effectively inspect waste water lines being accepted into the City system for maintenance. The amount of video inspection is estimated based upon previous year's usage.

The video recording is viewed by Engineering Inspections Staff to ensure both the slope of the pipe is generally consistent with the plans, that no low areas are found that affect waste water flows and that the quality of the new pipe meets engineering standards for installation.

Community Impact – The work under this contract is primarily done in commercial developments and residential subdivisions under construction and therefore has minimal impact on the public. For waste water mains that are videotaped for capital improvement projects, the impacts are generally minimized to only one travel lane and completed outside peak travel periods.

Alternatives


An alternative to this project would be to not perform these services. This is not recommended, as it will not provide the most cost-effective method of inspecting waste water lines before bringing them online or taking over their maintenance.

Fiscal Impact

The recommended total award amount for this project is \$73,975.00, based on the low bid of \$67,250.00 plus an additional \$6,725.00 (10% allowance for change orders). These services are based on estimated annual requirements and will be charged to the individual Waste Water Capital Projects for which the waste water line video inspection is performed.

Coordinated With

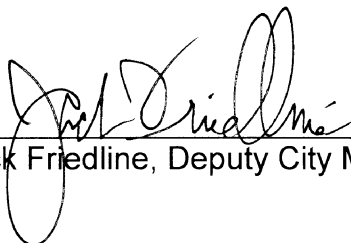
The Energy Resources Department concurs with this recommendation.

for 

Kelly Jensen, Assistant City Engineer



Elizabeth Huning, City Engineer



Jack Friedline, Deputy City Manager

CITY OF MESA
MESA, ARIZONA

WASTE WATER LINE VIDEO INSPECTION

PROJECT NO. 09-931-001

Tabulation of Bids Received, Thursday, December 3, 2009, at 1:00 p.m.

ENGINEER'S ESTIMATE	\$107,600.00
1. Sahuaro Pipeline Corp., dba Valley Hydrovac	\$67,250.00
2. Pipeline Video Inspection and Cleaning LLC	\$77,000.00
3. Hoffman Southwest Corp., dba Professional Pipe Services	\$94,550.00
4. PSC Industrial Outsourcing LP – Bid Not Read – Took exceptions	
5. Simon Family Enterprises Inc. – “No Bid” Submitted	