



City of Oregon City

625 Center Street
Oregon City, OR 97045
503-657-0891

Staff Report

File Number: 17-503

Agenda Date: 9/20/2017

Status: Consent Agenda

To: City Commission

Agenda #: 8c.

From: Public Works Director John Lewis

File Type: Communication

SUBJECT:

Fleet Purchase Authorization - Lateral-Launch Mainline Camera for Cues Closed Circuit TV (CCTV) Inspection Van

RECOMMENDED ACTION (Motion):

Staff recommends that the City Commission authorize the purchase of a LAMP 2 later-launch mainline camera for the Cues CCTV Inspection Van. The price of the equipment is \$66,611.00 and was a previously authorized expenditure within the FY 17/18 biannual budget.

BACKGROUND:

Oregon City fleet purchases are managed through our Fleet Replacement Fund. Every year, each Public Works Division budgets a predetermined amount for deposit into the Fleet Replacement Account to assure adequate funding is available when new or replacement vehicles are scheduled for purchase, this includes specialized equipment for these vehicles. The LAMP 2 lateral-launch mainline camera is part two of a two phased approach to improve and expand our pipeline video inspection program. Phase one was completed in FY 2016-17 when City Commission approved the purchase of a Cues CCTV inspection van and pipeline video inspection system on November 16, 2016 for the amount of \$265,353.00.

This new TV Truck video inspection system was deployed to field in June 2017. Since then, the Public Works Sewer Division has video inspected over 14 miles of pipe, including more than 10 miles since July 2017. This is greater than the previous two fiscal years combined. The addition of this camera will allow the Public Works Sewer Division to locate laterals with increased accuracy, verify the condition of laterals prior to construction and overly projects, as well as improve customer service response related to lateral blockage issues.

The cost of this LAMP 2 lateral launcher is \$47,019.00, and Public Works has opted to add the lateral pan and tilt camera for \$19,592.00 for a total combined of \$66,611.00. Both equipment items were planned in advance for phase two of the Cues CCTV inspection van replacement and upgrade.

Understanding that the cost of this specialized equipment is high, staff offer that this inspection equipment is specialized (limited manufactures) and having the lateral launch in-house inspection capability will result in almost immediate savings for the City. Without this kind of equipment the City is often making decisions on lateral repairs and replacement with very limited information.

As we proceed with our sewer pipe replacement programs, and our pavement capital improvement programs, having a lateral launch camera will ensure we get a complete picture of the pipe liabilities within the public right of way. This complete picture of pipe networks will ensure pipes that need to be fixed get fixed before the roadwork is completed and those that don't need to be fixed can be left in place.

BUDGET IMPACT:

Amount: \$66,611.00

FY(s): 2017-18

Funding Source: Sewer Fund Fleet Reserve