



**City Manager's Report**

**November 26, 2013 City Council Meeting**

**Prepared by:** Steve Youel, Director of Community Services

**Item #:** 8.5

**Subject:** Adopt a resolution authorizing the Community Service Director to purchase a new Sub-Surface LD-12 Acoustic Leak Detector in the amount of \$3,303.66 from WCT Products Incorporated.

**Discussion:** A Sub-Surface Leak Detector is an essential tool for Public Works Departments. The system allows employees to locate underground water leaks without excavating. The detector can also be used to locate leaks within meters, fittings, hydrants and valves. The ability to quickly identify the specific location of a water leak significantly reduces repair costs, property damage and interrupted water service to customers.

**Analysis:** Given the current condition of the City's Sub-Surface Leak Detector, it has been determined that it is in the City's best interest to replace the existing system with a new LD-12 Acoustic Leak Detector. Although there are more expensive systems on the market, staff is confident the LD-12 Acoustic Leak Detector will be adequate to perform the necessary diagnostic functions required to maintain the City's water delivery system for many years to come.

The detector has a large meter display of sound loudness, allowing City staff to pinpoint the exact leak location. The high sensitivity ground microphone and low "electronic noise" amplifier combine to provide an outstanding sound quality. The detector comes with a ground plate for pinpointing leaks under streets and slabs, a magnet base for surveying hydrants and valves and a rod for surveying meters and fittings. The system comes with a five year limited warranty.

**Cost:** The City received the following leak detector quotes: Pollardwater.com \$3,813.03, Equipco \$3,655.50 and WCT Products Incorporated \$3,303.66. WCT Products Incorporated was the lowest responsive bidder that was able to meet the requested specifications for the detector and is therefore recommended for purchase.

**Budget Impact:** The Capital Expenditure Budget for Fiscal Year 13/14 contains funding for the purchase of a Sub-Surface Leak Detector. The purchase price of \$3,303.66 is below the \$3,600.00 budget.

**Recommendation:** Adopt a resolution authorizing the Community Service Director to purchase a new Sub-Surface LD-12 Acoustic Leak Detector in the amount of \$3,303.66 from WCT Products Incorporated.

  
 M. Cleve Morris, City Manager

  
 Steve Youel, Director of Community Services

  
 Dave Warren, Director of Finance

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PLACERVILLE  
AUTHORIZING THE COMMUNITY SERVICES DIRECTOR TO PURCHASE A NEW  
SUB-SURFACE LD-12 LEAK DETECTOR**

**WHEREAS**, A Sub-Surface LD-12 Leak Detector is an essential tool for Public Works Division; and

**WHEREAS**, the City of Placerville's existing system has become obsolete; and

**WHEREAS**, the City has determined that it is in the City's best interest to replace the existing system.

**NOW THEREFORE, BE IT RESOLVED**, that the City Council of the City of Placerville does hereby authorize the Community Service Director to purchase a new Sub-Surface LD-12 Leak Detector in the amount of \$3,303.66 from WCT Products Incorporated.

The foregoing Resolution was introduced at a regular meeting of the City Council of the City of Placerville held on November 26, 2013 by Councilmember \_\_\_\_\_ who moved its adoption. The motion was seconded by Councilmember \_\_\_\_\_. The motion was passed by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

\_\_\_\_\_  
Mayor Wendy Thomas

ATTEST:

\_\_\_\_\_  
Susan Zito, MMC, City Clerk