

Department: Community Services
Program Offer Type: Innovative/New Program
Related Programs: 91008
Program Characteristics: One-Time-Only Request

Program Contact: Tim Scott
Program Offer Stage: As Adopted

Executive Summary

One-time-only request for the replacement of the ballot tally machines and ballot tally system software for Elections.

Program Summary

Multnomah County's optical scan tally machines (ES&S M650) and software have been in use since 2003. The 650s continue to count ballots accurately but due to their age have a high rate of mechanical failure and require almost hourly cleaning and maintenance during peak use. The 650s also have a very low rate of throughput at about 1,000 ballots per hour for 17 inch ballots and about 2,000 ballots per hour for 14 inch ballots. Elections currently owns six 650s but during large election cycles, rents three additional 650's to ensure that ballots can be counted in a timely fashion despite significant downtime due to mechanical failure. ES&S is no longer updating hardware, software or firmware for the system so there is no possibility of upgrades to our current system.

Since 2003, the industry has been moving away from optical scan in favor of digital imaging. Digital imaging technology has several advantages over optical scan including greater throughput and a digitally captured image of every paper ballot. New systems can process ballots eight times faster than the County's current system.

Performance Measures

Measure Type	Primary Measure	FY13 Actual	FY14 Purchased	FY14 Estimate	FY15 Offer
Output	% of tally machines installed and tested	NA	NA	NA	100%
Outcome	Tested number of ballots per hour per machine (17" ballot)	NA	NA	NA	TBD
Efficiency	Percentage improvement in ballots per hour	NA	NA	NA	TBD

Performance Measures Descriptions

- Measure 1 - % of new tally machines to be purchased, installed and tested
- Measure 2 - Number of ballots that can be tallied by system per hour per machine
- Measure 3 - Percentage improvement in ballots per hour from the old tally system to the new tally system

Legal / Contractual Obligation

No legal/contractual obligations associated with this program offer.

Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2014	2014	2015	2015
Capital Outlay	\$0	\$0	\$500,000	\$0
Total GF/non-GF	\$0	\$0	\$500,000	\$0
Program Total:	\$0		\$500,000	
Program FTE	0.00	0.00	0.00	0.00

Program Revenues				
Total Revenue	\$0	\$0	\$0	\$0

Explanation of Revenues

No revenue associated with this program offer.

Significant Program Changes

Last Year this program was:

This is a new one time only program offer.