

**Department:** Community Services      **Program Contact:** Tim Scott  
**Program Offer Type:** Innovative/New Program      **Program Offer Stage:** As Requested  
**Related Programs:** 91008  
**Program Characteristics:** One-Time-Only Request, Out of Target

**Executive Summary**

One-time-only request for the replacement of the ballot tally machines and software upgrades for Elections. Purchasing five ES&S model M850 high speed tally machines and associated software upgrades.

**Program Summary**

Multnomah County's optical scan tally machines (ES&S M650) 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 an 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.

The new high speed tally machine manufactured by ES&S that replaces the 650 is the M850. The new system moves away from optical scan to digital imaging which allows for greater transparency and accuracy and quickly becoming the industry standard for ballot tally equipment. Additionally the 850 can count ballots at up to 8,000 ballots per hour for 19 inch ballots. With the increase in throughput on the new scanners Elections can purchase five 850s to replace six 650s and achieve a greater throughput, eliminating the need to rent additional equipment in large election cycles. The design of the 850s also limits the mechanical maintenance and consumable parts necessary for peak performance, saving additional ongoing costs.

**Performance Measures**

<b>Measure Type</b>	<b>Primary Measure</b>	<b>FY13 Actual</b>	<b>FY14 Purchased</b>	<b>FY14 Estimate</b>	<b>FY15 Offer</b>
Output	Number of tally machines installed and tested	NA	NA	NA	5
Outcome	Tested number of ballots per hour (19" ballot)	NA	NA	NA	8,000
Efficiency	Percentage improvement in ballots per hour	NA	NA	NA	800%

**Performance Measures Descriptions**

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

## 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
<b>Total GF/non-GF</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>
<b>Program Total:</b>	<b>\$0</b>		<b>\$500,000</b>	
Program FTE	0.00	0.00	0.00	0.00

Program Revenues				
<b>Total Revenue</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

## 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.