

Measurement Standards and Commercial Vehicle Enforcement Equipment Replacement

FY2014 Request: \$400,000
Reference No: 45197

AP/AL: Allocation

Project Type: Equipment / Commodities

Category: Transportation

Location: Statewide

House District: Statewide (HD 1-40)

Impact House District: Statewide (HD 1-40)

Contact: Pat Kemp

Estimated Project Dates: 07/01/2013 - 06/30/2014

Contact Phone: (907)465-3900

Appropriation: Safety

Brief Summary and Statement of Need:

This request would provide funds for the Division of Measurement Standards and Commercial Vehicle Enforcement (MSCVE) to replace testing and safety equipment.

| Funding: | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | Total |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Gen Fund | \$400,000 | | | | | | \$400,000 |
| Total: | \$400,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$400,000 |

| | | | | |
|-----------------------------------------------|-------------------------------------------|---------------------------------------|---------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> State Match Required | <input type="checkbox"/> One-Time Project | <input type="checkbox"/> Phased - new | <input type="checkbox"/> Phased - underway | <input checked="" type="checkbox"/> On-Going |
| 0% = Minimum State Match % Required | | <input type="checkbox"/> Amendment | <input type="checkbox"/> Mental Health Bill | |

Operating & Maintenance Costs:

| | <u>Amount</u> | <u>Staff</u> |
|----------------------|---------------|--------------|
| Project Development: | 0 | 0 |
| Ongoing Operating: | 70,000 | 0 |
| One-Time Startup: | 0 | |
| Totals: | 70,000 | 0 |

Prior Funding History / Additional Information:

Sec1 Ch43 SLA2010 P3 L33 SB230 \$402,600

Sec1 Ch15 SLA2009 P22 L8 SB75 \$61,500

Sec10 Ch29 SLA2008 P77 L22 SB221 \$516,000

Project Description/Justification:

800 GALLON VOLUMETRIC PROVER:

The current mild steel volumetric prover which was built in 1976, does not meet current national specifications and has been decommissioned as of September 2012. The loss of this test measure has a severe impact on our ability to test high-flow fuel meters in the Southcentral, Northern and Kodiak regions. We will be forced to share a similar piece of equipment from the Fairbanks office which will shorten the expected service life of the test measure and will cause an estimated \$3K annual increase in travel expenses. As these are built to specification, there is usually a two to three year timeline from receipt of funds to final delivery of the product. There would be a minimal impact to the operating budget for monthly operation of the equipment. This equipment will not incur additional annual costs other than routine maintenance.

1 TON WALKIE STACKER:

This equipment is a non-motorized walk behind fork-lift. This equipment will satisfy two requirements that are currently addressed in an inadequate manner; the loading of large mass standards onto the precision floor balance, and the elevation of large artifacts within the laboratory. This acquisition will be a significant step in providing a safety measure for personnel and equipment in the Metrology Lab.

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Metrology Lab HVAC System Retrofit:

An environmental study of the State Metrology Lab was recently completed and it has been determined that a more efficient heating, ventilation and air conditioning (HVAC) system needs to be installed to address temperature and humidity concerns in the Lab. This new HVAC system and associated envelope detailing will allow us to comply with the National Institute of Standards and Technology (NIST) requirements for annual lab submissions and will expand our capacity to perform artifact testing in-State. This retrofit will coincide with routine construction upgrades scheduled as part of the current leasing negotiations for this building; minimizing the Lab closure time. This upgrade will not cause significant additional annual costs for staffing levels or operating costs other than routine maintenance.