

Measurement Standards and Commercial Vehicle Enforcement Equipment Replacement

FY2010 Request: \$223,000
Reference No: 45197

AP/AL: Appropriation

Project Type: Equipment / Commodities

Category: Transportation

Location: Statewide

Contact: Dan Breeden

House District: Statewide (HD 1-40)

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Estimated Project Dates: 07/01/2009 - 09/30/2010

Brief Summary and Statement of Need:

This request will provide funds for the purchase of a crane gantry system, scale testing unit replacement, trailer mounted dispenser testing unit, and a wheel load weigher calibrator for the Measurement Standard and Commercial Vehicle Enforcement (MSCVE) division. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
Gen Fund	\$223,000						\$223,000
Total:	\$223,000	\$0	\$0	\$0	\$0	\$0	\$223,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input 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:	0	0
One-Time Startup:	0	
Totals:	0	0

Additional Information / Prior Funding History:

FY2009 - \$516,000.

Project Description/Justification:

Funding will be used to purchase replacement equipment for MSCVE as follows:

Crane Gantry System

This free standing hoist system is necessary to more efficiently move test standards while performing calibrations in the Metrology laboratory. The addition of this lift system will help increase the safety when working with large weights near the precision balances as well as avoid future injuries to employees.

Anchorage - Scale Testing Unit Replacement

Replace the large scale testing unit located in Anchorage. This test truck is critical for testing large commercial scales used by contractors, freight operators and the Alaska Railroad. This high mileage, 15 year old vehicle is currently scheduled to be replaced in 2009 and has approximately \$112,000 credits available at this time for its replacement. This type of vehicle currently costs upwards of \$200,000 to replace. The credits that will be available at the time of replacement will not be sufficient. If MSCVE is not able to replace this vehicle, MSCVE will not be able to meet the mandate to perform annual testing as outlined in AS 45.75.080(a) and it will cause a decrease in the number of devices inspected during the year because of aged equipment issues.

Trailer Mounted Dispenser Testing Unit

Purchase of a trailer mounted volumetric test unit for the Fairbanks region will increase productivity and safety while testing retail fuel dispensers.

Wheel Load Weigher Calibrator

Purchase of a calibrator to test the accuracy of our portable scales (wheel load weighers). The current unit is 24 years old and has been found to drift out of tolerance between calibrations and can only test one scale at a time. Per the National Institute of Standards and Technology (NIST) Handbook 44, scales should be tested in pairs. These scales are used, in pairs, by commercial vehicle enforcement officers to weigh commercial vehicles while performing size and weight enforcement activities on Alaska roadways. The current method of calibrating scales individually could result in any citations issued using the findings of these devices to be deemed inadmissible.