

**Firefighting Breathing Apparatus Replacement****FY2004 Request: \$225,000**  
**Reference No: 37785****AP/AL:** Appropriation**Project Type:** Equipment**Category:** Public Protection**Location:** Statewide**Contact:** Karen Morgan, Director, DAS**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-5488**Estimated Project Dates:** 07/01/2003 - 06/30/2004**Brief Summary and Statement of Need:**

Purchase of ninety (90) self contained breathing apparatus (SCBA) and spare bottles used to conduct basic and advanced fire training at the three state operated regional training centers in Anchorage, Fairbanks and Juneau. These new units are necessary to comply with national equipment standards and OSHA regulations.

<b>Funding:</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>Total</b>
Gen Fund	\$225,000						\$225,000
<b>Total:</b>	<b>\$225,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$225,000</b>

<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:	18,000	0
One-Time Startup:	0	
<b>Totals:</b>	<b>18,000</b>	<b>0</b>

**Additional Information / Prior Funding History:**

This is the first year of this project. All of the breathing apparatus presently in use have been donated to the state. Most of the units are more than 10 years old. All of the units are in need of repair and upgrade to meet current safety regulations and standards.

**Project Description/Justification:**

This project is needed to provide 90 self contained breathing apparatus (SCBA) and spare bottles to the three regional fire training offices in Juneau, Anchorage and Fairbanks. This project is to station 30 units and 30 spare bottles at each location, replacing the present outdated, donated units. The fire training offices in these areas provide fire training services on a statewide basis to municipal, private, and industrial fire response agencies in Alaska. In addition to providing fire training at these designated training centers, each of the offices also conducts training in many outlying communities within their regions. As such these units would be used in this training and would be transported to these sites and then returned at the end of the class.

The equipment presently utilized in these courses has been donated to the state by other agencies or fire departments that are upgrading to newer units. All of these units are old and in need of repair and/or upgrade. Most of the units do not meet the required federal and state regulations or standards for self contained breathing apparatus.

These breathing air units are used by both beginning and experienced students in live fire training scenarios and other rescue scenarios. Since this type of training is inherently dangerous it is critical that the students be outfitted with the best possible type of SCBA and that it is a similar type of unit that the student may encounter in their own local department. Recently through the U.S. FEMA fire grants many of the local departments have purchased new SCBAs meeting the newer standards and safety requirements. It is important that the state fire training centers also have equipment available of a similar caliber. Additionally, since many departments in the state are purchasing these new units, it is important that they be trained correctly in the use of the units. This project will assist the state in providing this required life safety

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training. There is a significant liability exposure in continuing to use non-compliant equipment.

**Project Budget**

<b>Item</b>	<b>Single Item Cost</b>	<b>Number of Items</b>	<b>Total Cost</b>
Complete SCBA unit	\$2,000	90	\$180,000
Spare SCBA bottle	\$500	90	\$45,000
		Project Total:	\$225,000

The above budget shows the cost per unit and the projected cost for the entire project. The unit cost is based on quotations received from various vendors. This projected cost includes shipping the units to each training center. The purchase of these items is not included in the operating budget. The projected impact to future year operating budget is estimated to be approximately \$18,000, or about \$200 per year, per unit. There are no positions associated with this project.

Other funding alternatives were considered but due to the cost of the project and the type of equipment that is needed these alternatives are not viable. As a demonstrated alternative, for the past 10 years Fire Service Training has used SCBA units that were either donated by vendors, or were "hand-me-down" units donated to the state by local fire departments. Generally these units were in need of significant repair or did not meet current safety standards. This project is to purchase new units to replace these obsolete units.

This request is not a multiple year or phase project. The project is for a single one time purchase of the SCBA units.

Fire Service Training projects that the annual maintenance for each unit will be approximately \$200 per year, or a total of \$18,000 per year for all 90 units. The first year of maintenance, during fiscal year FY04 will be included in the purchase warranty. Following year maintenance (FY05 and beyond) will be proposed in either a capital request that will include repair and maintenance for all Fire Service Training equipment, or will be requested as an increment in the FY05 operating budget process.