

AVTEC New Heavy Equipment Shop and Diesel Shop with Pipe Welding Program Relocation **FY2010 Request: \$12,000,000**
Reference No: 46928

AP/AL: Appropriation **Project Type:** Gasline
Category: Education
Location: Seward **Contact:** Fred Esposito
House District: Homer/Seward (HD 35) **Contact Phone:** (907)224-6150
Estimated Project Dates: 07/01/2009 - 06/30/2012

Brief Summary and Statement of Need:

Add a 16,000 square foot steel fabricated building to AVTEC's Applied Tech campus to house the Heavy Equipment and Diesel programs. The Heavy Equipment program relocation will facilitate the demolition of the existing building which has Americans with Disabilities Act (ADA), code and life-and-safety deficiencies. The Diesel program relocation will allow the Pipe Welding program to be relocated to the existing Diesel Shop. Providing adequate and safe environments for Heavy Equipment, Diesel, and Pipe Welding training is necessary to prepare state residents for jobs that are in high demand in Alaska. Through training AVTEC supports the Department's mission to advance opportunities for employment.

Funding:	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
AHCC Rcpts	\$12,000,000						\$12,000,000
Total:	\$12,000,000	\$0	\$0	\$0	\$0	\$0	\$12,000,000

<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	0
Totals:	0	0

Additional Information / Prior Funding History:

No previous funding has been provided for this project.

Project Description/Justification:

The AVTEC Heavy/Diesel Technology program produces 30 trained Alaskans per year that are highly sought after by the mining, construction, oil/gas, and transportation industries for employment. With a nearly 100% job placement, this program is a stellar performer preparing Alaska residents for good wage jobs with opportunity for advancement. Additionally, industry demand for heavy/diesel mechanics has increased and industry members have asked AVTEC for expanded training and development of related studies training to support registered apprenticeships.

The existing facility housing this program was constructed in the early 1970's and is a pre-engineered metal building. The Heavy/Diesel program only occupies approximately 7,000 square feet of training space. This space is barely adequate to meet the size of the existing program, but allows no capability to expand training to meet demand. In 1998-99 an engineering firm was hired to inspect the leaking roof and recommend a new or repaired roof solution. The engineering report that came back was very disturbing. The building design and construction lacked sufficient lateral support for any repair or replacement of the roof to occur. The engineers cited the building as hazardous and

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dangerous. A subsequent second engineering firm was hired to confirm this finding. This firm also declared the building dangerous especially in a combination event, such as high winds and heavy snow and/or earthquake. These events occur annually in Seward. Since that time AVTEC has been pursuing funding to replace this substandard and dangerous building.

This proposed new facility would allow AVTEC to continue to train Alaskans for opportunities for employment in the previously mentioned high-wage jobs and to expand training opportunities and add programs to respond to demand. As a result AVTEC will be able to at least double training capacity to a minimum of 60 Alaskans per year to support the mining, construction, oil/gas, and transportation industries in Alaska.

This proposal also requests funding for the relocation of the Pipe Welding program from a former storage room in the same “hazardous and dangerous” building that currently houses the Heavy Equipment Shop to space that now houses the diesel engine lab. This move will maximize use of existing serviceable facilities and instructor/equipment resources by collocating AVTEC’s two welding programs (Structural and Pipe). And it will provide the required space for long pipe staging, storage and cutting. It will also allow AVTEC to increase the number of Pipe students served to 30 per year.