

Heavy Equipment Shop/Diesel Shop/Pipe Welding Relocation - Phase 1 of 3

FY2013 Request: \$6,000,000
Reference No: 48826

AP/AL: Appropriation
Category: Education
Location: Seward
Impact House District: Homer/Seward (HD 35)
Estimated Project Dates: 07/01/2012 - 06/30/2017

Project Type: Construction
House District: Homer/Seward (HD 35)
Contact: Fred Esposito
Contact Phone: (907)224-6150

Brief Summary and Statement of Need:

This request will fund the first phase of the Alaska Vocational Technical Center's (AVTEC) Heavy Equipment Shop/Diesel Shop/Pipe Welding Relocation project. The funding will be used to construct an 8,000 square foot steel fabricated heavy equipment shop, including site preparation and utility hook-ups. The new shop will facilitate the relocation of the heavy equipment technology portion of the diesel/heavy equipment technologies program from the existing building which has life, safety, code and ADA deficiencies. The diesel/heavy equipment technologies program supports the department's mission to advance opportunities for employment by producing 45 trained Alaskans per year with a nearly 100 percent job placement.

Funding:	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	Total
Gen Fund	\$6,000,000	\$6,000,000					\$12,000,000
Total:	\$6,000,000	\$6,000,000	\$0	\$0	\$0	\$0	\$12,000,000

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

Additional Information / Prior Funding History:

No prior funding history

Project Description/Justification:

The Alaska Vocational Technical Center (AVTEC) diesel/heavy equipment technologies program trains students how to service, maintain, and repair equipment ranging from dump trucks to bulldozers. As most equipment is powered by diesel engines, students learn to disassemble, measure, and reassemble engines to factory specifications. The program produces 45 trained Alaskans per year that are highly sought after by the mining, construction, oil/gas, and transportation industries for employment. With a nearly 100 percent job placement, this program is a stellar performer, preparing Alaska residents for high-wage jobs with opportunity for advancement. Additionally, industry demand for diesel/heavy equipment mechanics has increased and industry members have asked AVTEC for expanded training and development of related studies training to support registered apprenticeships. The new shop will allow AVTEC to increase training capacity to a minimum of 60 Alaskans per year to support increasing industry demand in Alaska.

This request will fund phase one of three for the AVTEC Heavy Equipment Shop/Diesel Shop/Pipe Welding Relocation project. The funding will be used to construct an 8,000 square foot steel

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fabricated heavy equipment shop, including site preparation and utility hook-ups. The new shop will facilitate the relocation of the heavy equipment technology portion of the diesel/heavy equipment technologies program from the existing building constructed in the early 1970's, which has life, safety, code and Americans with Disabilities Act (ADA) deficiencies. It is anticipated that this phase of the project (design, bid and build) will take 18 months.

In 1998-99 an engineering firm was hired to inspect the leaking roof and to recommend a new or repaired roof solution. The engineering report that came back was not anticipated. 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 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.

Future phases for the Heavy Equipment Shop/Diesel Shop/Pipe Welding Relocation project will include: another 8,000 square foot steel fabricated facility for relocation of the diesel engine lab portion of the diesel/heavy equipment technologies program; relocation of the pipe welding program from a former storage room in the existing heavy equipment shop to space that now houses the diesel engine lab; and demolition of the existing heavy equipment shop including hazardous material abatement. The department intends to request \$6,000,000 in FY2014 to complete the remaining phases of this project.