

**Alaska Works Partnership Fairbanks Pipeline Training Center Equipment**

**FY2010 Request: \$2,310,500**  
**Reference No: 46926**

**AP/AL:** Appropriation  
**Category:** Education  
**Location:** Fairbanks Areawide  
**House District:** Fairbanks Areawide (HD 7-11)  
**Estimated Project Dates:** 07/01/2009 - 06/30/2011

**Project Type:** Gasline  
**Recipient:** Alaska Works Partnership  
**Contact:** Corine Geldhof  
**Contact Phone:** (907)465-5937

**Brief Summary and Statement of Need:**

Nationally, there is a critical shortage of skilled workers in the crafts, specifically welders and heavy equipment operators. This will support the department's mission in preparing Alaskans for jobs. This equipment will result in the Fairbanks Pipeline Training Center being fully operational with the capacity to initially train up to 200 students per year, ramping up to 400 per year during the peak construction phase of the natural gas pipeline.

<b>Funding:</b>	<b>FY2010</b>	<b>FY2011</b>	<b>FY2012</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>Total</b>
AHCC Rcpts	\$2,310,500						\$2,310,500
<b>Total:</b>	<b>\$2,310,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,310,500</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:	0	0
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

In FY06 \$1,500.0 GF was provided for pipeline heavy equipment which would be used for training at the center. In FY07 \$3,000.0 GF and in FY08 \$2,700.0 GF was provided for construction of the center. Federal funds were authorized in 2005 by Public Law 108-324 and in FY09 \$3,000.0 federal and \$3,000.0 GF was provided to complete construction. In addition the Fairbanks North Star Borough has signed a 50-year lease for 40 acres for a pipeline field training site. The FY10 request would equip the center.

**Project Description/Justification:**

(AGIA Training Strategic Plan Strategy 3.1a)

Alaska Works Partnership (AWP) proposes equipping the Fairbanks Pipeline Training Center with welding stations and other welding training equipment, which will be used to train entry level students to the master pipe welder level, and other essential equipment for comprehensive pipeliner training.

This equipment will increase the capacity of the Pipeline Training Center to train the next generation of pipeline workers for building large diameter cross-country oil and gas pipelines. Trainees require hours of actual hands-on training to learn and demonstrate skills so they can work safely and efficiently. Providing additional equipment for training will help the state assist employers to meet the current and anticipated future demand for skilled workers in the pipeline construction industry. Welding shacks, trucks, welding machine positioners and a mobile welding van will increase the

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number of persons trained in pipeline welding skills at the Fairbanks Pipeline Training Center and in communities along Alaska's transportation system. There is a shortage of side booms in Alaska due to increased development and pipeline repair activity on the North Slope and providing one for training will increase the number of persons qualified to operate side booms. A tractor trailer will provide trainees opportunities to learn how to safely and efficiently load, unload and transport heavy equipment used for civil and pipeline construction projects. Private employers and trade apprenticeship programs will contribute a match of 25% of the value of each piece of equipment, which includes cash and in-kind resources for insuring, storing and maintaining this equipment for continual use as training equipment.

1. In 2008, AWP plans to train Alaska welders on recently received 24" diameter pipe (approximately 3,000 feet of pipe donated by the producers). The large diameter pipe will require additional truck-mounted welding machines, and associated pipeline welding equipment such as magnatech pipeliner orbital welding head and power source, beveling machines, etc. - \$800,000
2. Mobile Welding Unit – Welding mobile unit classroom w/ tractor – \$250,000
3. Arctic welding shacks for cross-country pipeline welding - \$150,000
4. 3500, 4 x 4, Crew Cab, Dual Rear Wheel, 9' bed welding trucks - \$100,000
5. 583 Sideboom pipelayer - \$750,000
6. Tractor power unit w/60 ton, 3-axle lowboy trailer, longer deck w/ load booster - \$275,000
7. Build and equip health and safety lab at Pipeline Training Center, i.e., confined space rescue equipment, swing stage platforms, ventilation fans and ducts, hazwopper, decontamination set-up, first aid stations, lock-out tag-out equipment, North Slope Training Consortium training, personal protection equipment, etc. - \$250,000
8. Equip Pipeline Training Center with necessary classroom equipment, including tables, chairs, desks, cabinets, smart boards, technology systems, office equipment, etc. - \$350,000
9. Air compressors, space heaters w/duct, oil spill containment van - \$125,000

Total - \$3,050,000 less 25% industry contribution, but with one percent (\$23,000) added for Business Partnerships' administrative costs in documenting and accounting for the results achieved and leveraging industry contributions: \$2,310,500 GF

**Results Anticipated:**

This equipment will result in the Fairbanks Pipeline Training Center being fully operational with the capacity to initially train up to 200 students per year, ramping up to 400 per year during the peak construction phase of the natural gas pipeline.