

Alaska Works Partnership Gasline Workforce Development FY2009 Request: \$2,287,500
Reference No: 46870

AP/AL: Appropriation
Category: Education
Location: Statewide
House District: Statewide (HD 1-40)
Estimated Project Dates: 07/01/2008 - 06/30/2013

Project Type: Construction
Recipient: Alaska Works Partnership
Contact: Guy Bell
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Brief Summary and Statement of Need:

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.

Funding:	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>Total</u>
Gen Fund	\$2,287,500						\$2,287,500
Total:	\$2,287,500	\$0	\$0	\$0	\$0	\$0	\$2,287,500

<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:

Alaska Works Partnership AGIA Equipment List
 (AGIA Training Strategic Plan Strategy 3.1a)

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 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 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 sidebooms 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 sidebooms. 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.

Nationally, there is a critical shortage of skilled welders. In an article published in the Wall Street Journal, the American Welding Society (AWS) estimates a shortage of 200,000 welders by the year 2010. The need to begin training Alaska's workforce to meet the existing and future workforce needs can be supplemented through additional dedicated welding booth spaces. Alaska Works Partnership (AWP) proposes equipping the Fairbanks pipeline training center with twenty welding stations, which will be used to train entry level students to the master pipe welder level. All booths would contain a multi-process welding machine, the necessary power and hand tools and environmental fume extraction 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. (1) - Mobile Welding Unit – Welding mobile unit classroom w/ tractor – \$250,000
3. (3) - Arctic welding shacks for cross-country pipeline welding - \$150,000
4. (2) - 3500, 4 x 4, Crew Cab, Dual Rear Wheel, 9' bed welding trucks - \$100,000
5. (1) - 583 Sideboom pipelayer - \$750,000
6. (1) - 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: \$2,287,500 GF