

**Alaska Vocational Technical Center Roof Repair,  
Replacement and Deferred Maintenance**

**FY2001 Request: \$365,000**  
**Reference No: 6263**

**AP/AL:** Appropriation

**Project Type:** Renewal and Replacement

**Category:** Development

**Location:** Seward

**Contact:** Karen J. Rehfeld

**House District:** Seward, Soldotna (HD 8)

**Contact Phone:** (907)465-8650

**Estimated Project Dates:** 07/01/2000 - 06/30/2005

**Brief Summary and Statement of Need:**

This request will provide funds for roof repair, replacement and deferred maintenance projects at AVTEC.

<b>Funding:</b>	<u>FY2001</u>	<u>FY2002</u>	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>Total</u>
Gen Fund	\$365,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,115,000
<b>Total:</b>	<b>\$365,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$2,115,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" 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:**

AVTEC received \$200,000 in FY98 and \$100,000 in FY99 for roof repairs. Those funds were used for repairs to the Food Services, Applied Technology, and Physical Plant buildings. Funding was not sufficient to complete the work for the Applied Technology and Physical Plant buildings. Funding is needed for repair/replacement of seven additional roof projects.

**Project Description/Justification:**

This request will provide funding for ongoing roof repairs and deferred maintenance projects at AVTEC. Following is information on the most critical needs; however, the list of priorities may change is something more urgent surfaces.

Upgrade hot water and heat system for food service, dormitory, and student service center \$100,000

There are two large hot water heaters in Student Service Center that supply heat and hot water for the kitchen, the dormitory, and the student service center. Currently, only one hot water tank is operational. It had an upgrade completed a year ago as a temporary fix to keep it operational. According to the contractor, failure of the hot water tank in only a matter of time.

Numerous water pumps feed hot water to all the heat zones of AVTEC buildings. These pumps are old and beginning to fail at an alarming rate. During a recently completed energy evaluation, the contractor identified additional pumps that were approaching imminent failure. When the pumps fail, there will be no heat.

The heat system is pneumatically controlled from the Student Service Center. The system is unreliable and inefficient. Many parts of the system have been overridden or disabled so key components of the system can continue to operate. This results in some parts of the system running 24-hours per day. The cost to run the system in this manner is

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unreasonable and will decrease the operational life of the heating system.

Replace kitchen sewer line \$70,000

The repair of the kitchen sewer system is a health and safety priority. The floor drains continually back up with raw sewage from the toilets. This happens almost once per week in varying degrees of severity. This situation creates a highly unsanitary condition that shuts down food preparation and training until the drains can be unclogged and the mess cleaned up.

Continue roof projects. \$195,000

Continuing to replace and repair the roofs of all AVTEC buildings. There are seven more roof projects beyond the two completed this summer. Repairs to four of the seven are needed to stop the severe leaks that are present when it rains or snow thaws. Following is an estimate of the remaining roof projects:

Physical Plant Technology Building:

main roof 8,300 s.f. \$60,000

parapets 2,600 s.f. \$40,000

Dorms:

phase I,II, and III 15,500 s.f. \$100,000

Applied Technology Building:

Auto and Heavy Equipment 18,500 s.f. \$50,000

Industrial Electrical Building 10,000 s.f. \$50,000

Student Service Center 23,000s.f. \$75,000

Family Housing 4-plex 3,000s.f \$10,000

First Lake Facility 14,213s.f. \$50,000

Drill Rig Building 4,600s.f. \$100,000