

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Juneau****Federal Tax ID: 92-0038816****Project Title:****Project Type: Information Systems and Technology**

Juneau - School District Technology Upgrade

State Funding Requested: \$275,000**House District: Juneau Areawide (3-4)**

One-Time Need

Brief Project Description:

Technology Infrastructure Upgrades at Riverbend and Floyd Dryden Middle Schools-\$105,600.
Replacement of 82 computers over five years old at Dzantik'i Heeni Middle School-\$94,400.

Funding Plan:

Total Project Cost:	\$275,000
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$275,000)</u>
Project Deficit:	\$0

*Funding Details:**This is a new request, funding history is unavailable.***Detailed Project Description and Justification:**

The Juneau School District Technology Plan calls for a technology upgrade cycle to replace outdated hardware and infrastructure on a basis of useful service life rather than large-scale purchases every seven (7) to ten (10) years. This permits schools to keep up with advances and current technology capabilities and allows students to receive training in relevant software. Currently, the highest upgrade priorities are for network upgrades at Riverbend & Floyd Dryden Schools. Current equipment at Riverbend and Floyd Dryden Schools are six (6) to ten (10) years old making it very obsolete by today's technical standards. Currently both schools have 10 Mbps and 100 Mbps switches. These switches provide network connectivity to the classroom. They will be replaced by Gigabit switches, ten times faster than most of the current switch ports. This allows digital content to be streamed from a local school server to classroom computers with virtually no restriction on speed. This is critical for streaming video. Below is a quote for the switches, \$105,600. The additional support will not be purchased. These switches will be installed by District IT Staff.

Dzantik'i Heeni Middle School has 82 computers older than five years in need of replacement. One of the labs is an assortment of old computers making it very difficult for instructors; an inordinate amount of time is spent overcoming computer difficulties. The 86 replacement computers would fully replace two labs with additional machines for classroom and teacher use. The Dzantik'i Heeni Middle School Site Council has recommended replacing all old computers at Dzantik'i Heeni Middle School.

The Site Technology Committee at DZ School recommends 82 Apple Desktop Models at approximately \$1149 each.

eBooks are dynamic teaching tools that enhance learning, both in the library and the classroom. Enhances grammar lesson, learn new vocabulary words as a librarian highlights them on the screen. Students doing research easily search for and take

notes on important information with the eBook's embedded tools. Many teachers build classroom activities around an eBook that is connected to an interactive whiteboard. eBooks make it easy for students to complete assignments based on specific sections of a book. eBooks features are effective and a great learning tool for special education students and those with special needs. The Juneau School District will share the collection electronically thereby using resources to their fullest potential.

The book collections in the Juneau School District Library collections in each school are outdated and in need of updating and refreshing. The average age of the collection at many of the schools are from 1989.

\$75,000 will be distributed equally among all Juneau School Libraries for new books & Ebooks

Project Timeline:

FY12

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Juneau School District

Grant Recipient Contact Information:

Name: Rod Swope
 Title: City Manager
 Address: 155 S. Seward Street
 Juneau, Alaska 99801
 Phone Number: (907)586-5240
 Email: rod_swope@ci.juneau.ak.us

Has this project been through a public review process at the local level and is it a community priority? Yes No



Legal Quotation

To: Juneau School District
10014 Crazy Horse Drive
Juneau, AK 99801

Attn: Phil Gouveia
Phone: 907-523-1798
Fax:
Email: phil_gouveia@jsd.k12.ak.us

In reply to your request:
Juneau School District

HP Quote #	Created	Expires
CNWW-58185-00	12/22/2010	3/22/2011

Your HP Sales Contact:

Jamie Duncan,
Phone: 800-277-8988 ext.7710655
Fax:
Email: jamie.duncan@hp.com

Payment Terms:

Net 30 days, subject to credit approval

Submit Purchase Order To:

U.S. SLED Order Management,
Phone: 1-800-386-1117
Fax: 1-800-828-9075
Email: VALOM-US-SLED@hp.com

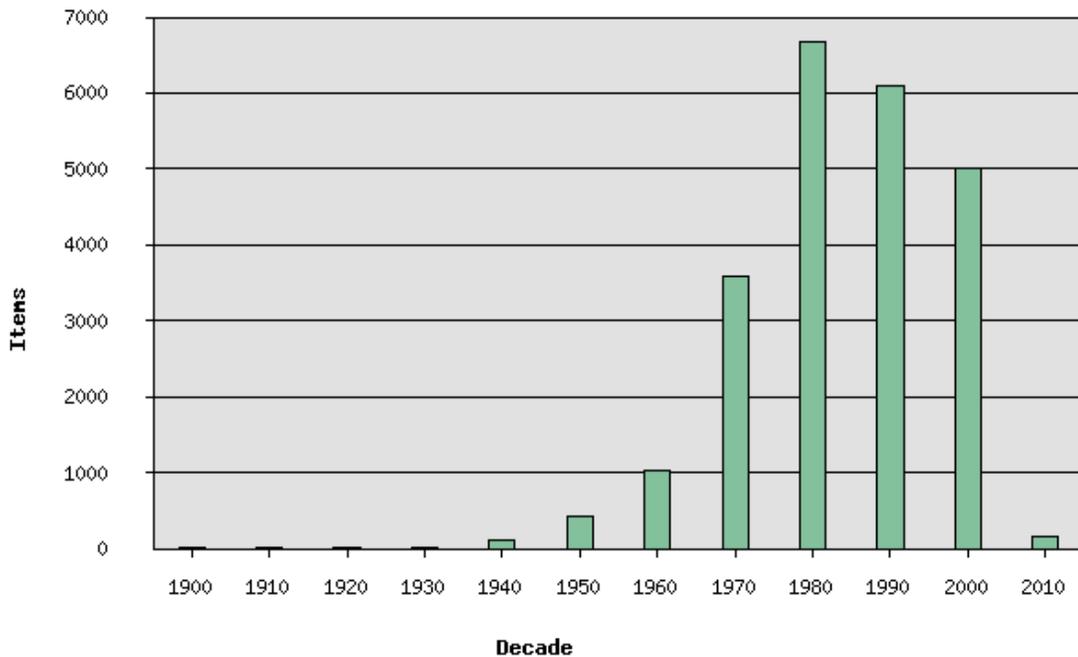
Solution	Net Price
Hardware:	\$105,594.06
Software:	\$0.00
Support:	\$32,816.80
Other:	\$0.00
Sub-Total:	\$138,410.86
Shipping and Handling:	\$0.00
Grand Total:	\$138,410.86
Estimated Delivery Upon Order Entry:	
Delivery Method: Standard Delivery Duty Paid Shipping & Handling and Special Handling Exempt	

Print Date: 12/22/2010 2:18:21PM

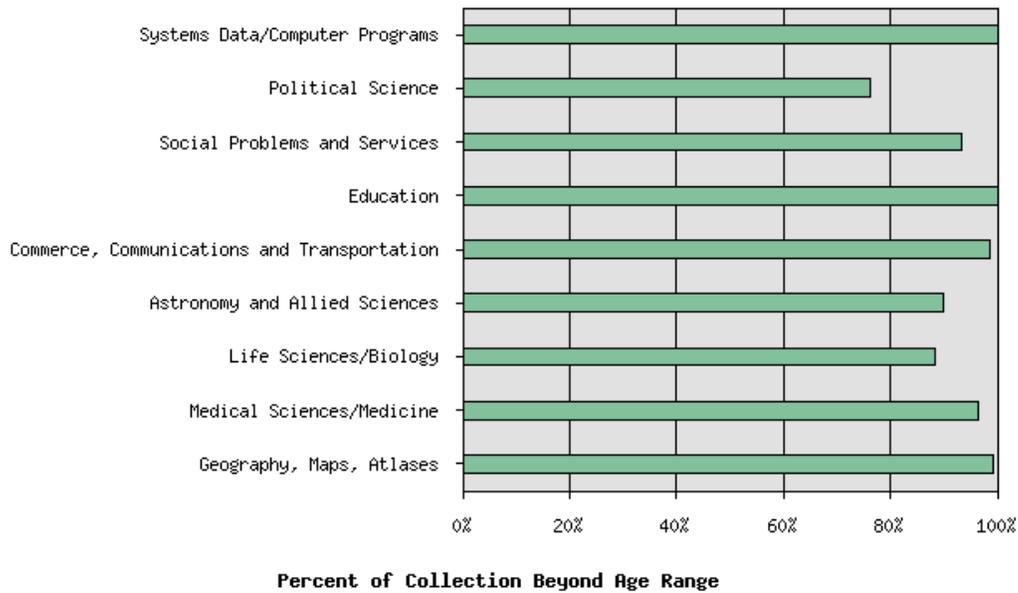
Harborview Elementary School
Julie Leary – Librarian

Harborview library has 14,772 titles and 23,242 copies mostly in book form. The average age of the collection is 1989. Harborview underwent a renovation during the 2008-2009 school year; a new space for the library was built. In order to fit in the new space, I withdrew 6000 books from the collection over the two year period. I make a point of updating our collection as much as possible with the funds we have, but I have to make hard choices between books kids like to read and curriculum support material. We also supplement with fundraising like hosting book fairs. As you can see we are still in dire need of updating and refreshing the collection. This analysis is no doubt indicative of most Juneau Public School Libraries, and I would say around the state as well. When I was asked what we could use that would help us with our collection, I immediately thought of e-books. By purchasing e-books, we are bringing 21st century learning into focus in the library and in the classroom. As a district we can share the collection electronically thereby using scarce resources to their fullest potential.

Collection by year chart



Age Sensitivity Chart



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Why e-Books

Besides the fact that e-books will be shared by all Juneau School Libraries, below is a description of how they may be used.

Follett eBooks are dynamic teaching tools that enhance learning, both in the library and the classroom. Bring a grammar lesson to life when you diagram sentences with a graphic novel. Beginning readers learn new vocabulary words as a librarian highlights them on the screen. Students doing research easily search for and take notes on important information with the eBook's embedded tools.

Many teachers build classroom activities around an eBook that is connected to an interactive whiteboard. Students can search and highlight vocabulary words, read along with the teacher to enhance reading skills, or diagram sentences right in the book on the screen. eBooks make it easy for students to complete assignments based on specific sections of a book. Many schools allow users access to eBooks from home, either from their electronic library catalog of the FollettShelf, allowing students and teachers to view and check out eBooks 24/7.

eBooks can be used with special education students. Users can zoom in or out to make the text larger, and select from several page views to customize the view of the eBook. There are also alternate text Tool Tips that display, in words, the

function of the buttons within the reader. The Read Aloud feature in the Full-featured Online Reader can also assist special needs students. There is also a dictionary feature.

eBooks

<u>FLR#</u>	<u>Title</u>	<u>Author</u>	<u>Yr Bnd RL</u>	<u>IL Qty 1st</u>
<u>Price</u>	<u>Ext</u>			
58012A8	[Multi-Volume Set] Elementary science and technology			
	Elementary science and te	2,079.82	11 EBK	K-3 1
2,079.82				
58020AX	[Multi-Volume Set] FollettShelf elementary			
	FollettShelf elementary s	283.92	10 EBK	K-3 1
283.92				
58020C6	[Multi-Volume Set] FollettShelf high school			
	FollettShelf high school	465.36	10 EBK	YA 1
465.36				
58020B8	[Multi-Volume Set] FollettShelf middle school			
	FollettShelf middle school	366.84	10 EBK	5-8 1
366.84				
4 titles (qty 4) Total Guaranteed eBook Price \$3,195.94				
Total eBooks (Qty.)				4 (4) \$3,195.94
Grand total				\$3,195.94

Other items that would make great additions to our collections are Playaways. Playaway is the simplest way to listen to audio on the go. Each Playaway comes with the digital content (audio book) already pre-loaded on it and a battery to make it play. Simply plug in earbuds and enjoy. Below are some of next years Battle of the Books selections. We could use these in every elementary school. (There are six) (Middle and high school may like them as well-but they would be different titles) We can use Playaways in the classroom, and with lower level readers who would like to participate in the Battle of the Books program, but find the grade level selections too difficult.

Audiovisual

FLR#	Title	Publisher	Yr	Fmt	IntLvl	Qty	1st
Price	Ext						

4028CX4	Alcatraz versus the evil	Findaway W	07	PLA	3-6	1	
54.99	54.99						

40EA3X7	Chinese Cinderella : the	Findaway W	08	PLA	YA	1	
73.75	73.75						

4304EX6	Closed for the season : a	Findaway W	11	PLA	5-8	1	
54.99	54.99						

435C6X6	Diamond Willow	Recorded B		PLA	5-8	1	
77.75	77.75						

40C34X9	No talking [electronic re	Findaway W	08	PLA	3-6	1	
51.75	51.75						

4034FX6	The secret order of the G	Findaway W	07	PLA	3-6	1	
54.99	54.99						

43253X3	The strange case of Origa	Findaway W	11	PLA	3-6	1	
54.75	54.75						

42E18X5	War horse [electronic res	Findaway W	10	PLA	3-6	1	
49.99	49.99						

8 titles (qty 8) Total Guaranteed A/V Media Price \$472.96

Total A/V titles (Qty.) 8 (8) \$472.96

Total cataloging and processing for Audiovisual \$5.52

Grand total \$478.48

478.48 x 6 = \$2870.88