

Agency: Commerce, Community and Economic Development**Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Capital Community Broadcasting, Inc.****Federal Tax ID: 92-0058054****Project Title:****Project Type: Information Systems and Technology**

Capital Community Broadcasting, Inc. - Gavel to Gavel Online Access Upgrade

State Funding Requested: \$102,500**House District: Juneau Areawide (3-4)**

One-Time Need

Brief Project Description:

KTOO is requesting funding to improve online access to the Gavel to Gavel Alaska television service. The project would improve reliability, replace obsolete equipment and software, provide for more coverage and make it easier for users to find live and archived meeting coverage online.

Funding Plan:

Total Project Cost:	\$102,500
Funding Already Secured:	(\$0)
FY2013 State Funding Request:	<u>(\$102,500)</u>
Project Deficit:	\$0

Detailed Project Description and Justification:

KTOO has offered online access to our live Gavel to Gavel coverage service since 2001. Every legislative meeting is now streamed live on the web and archived as a file that users can play or download on computers or mobile phones. As of January 2012, the online archive offered 14,768 legislative events on demand. It is highly used by legislative staff, state agencies and the general public. In earlier years we archived the audio of every meeting, but in 2011, with state support through a prior capital grant, we started archiving our video. In 2012, we added AlaskaLegislature.TV video to our archives, added a mobile phone website and upgraded our streaming equipment in the Capitol building.

The project includes the following components:

- 1.Website improvements to make finding schedules and accessing the archives easier. Currently, the site only provides the current day's schedule. We plan to expand this feature to allow users to check the schedule for prior and future days and to add links to bill numbers. (Cost: \$8,000 in one-time contract labor)
- 2.Custom designed search software to make the archives searchable by keywords and bill numbers. Currently, the archive is only searchable by date or committee name. With a growing library, now well over 15,000 items, it can sometimes be difficult for users to quickly find the right meeting. (cost: \$12,000 in one-time contract labor)
- 3.Replace the content management system and update the main database for Gavel to Gavel. This system does all the behind-the-scenes scheduling of meeting coverage, starts and stops the live web streams, pulls in information from the Legislature's website, manages crew work schedules and a variety of other tasks. Our current content management system

(affectionately called the "Cookie Jar") was written in 2001 in a now obsolete programming code. The database was written in a very early "beta" version. (cost: \$15,000 in one-time contract labor)

4. Equipment, engineering and installation costs to replace the current microwave connection between the Capitol rooftop and KTOO building with a leased "Metro Ethernet" connection. This interconnection is critical to Gavel to Gavel -- without a reliable service, there is no way to provide any television coverage from the Capitol. The new service will be more robust and reliable than microwave, and will expand the capacity from 60 megabits on the old microwave system to 100 megabits on the Metro Ethernet connection. The increased bandwidth will allow more simultaneous video feeds from the Capitol. The existing microwave system belongs to the state, which no longer uses or supports it. Changing to Metro Ethernet will give KTOO responsibility and control over the interconnection. (cost: \$32,500 in equipment and startup costs)

5. Replace out of date video servers and network switches. This equipment is the backbone of the Gavel Alaska online service and needs to be periodically replaced and upgraded. (cost: \$15,000 for hardware)

6. Equipment for the online service control room. We don't currently have any building space dedicated to controlling the online service. This line item would add computers and monitors to allow our staff to monitor the multiple video streams and the website, with alerting if a problem develops. (cost: \$10,000 for hardware)

7. Add equipment to provide live streams of events held outside of the Capitol building. Currently, we can only provide live coverage of events which take place within the Capitol Building and the Tom Stewart Building. We plan to purchase equipment which would allow us to provide live web streams of meetings from other locations, including events like the Governor's inauguration at Centennial Hall. (cost: \$10,000 for hardware)

Project Timeline:

The project would commence as soon as funding is available, with the majority of the work to be completed before the start of legislative session in 2013. Select elements of the work will extend into early FY14.

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

KTOO will budget for the ongoing maintenance and operations costs.

Grant Recipient Contact Information:

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