

Agency: Commerce, Community and Economic Development

Grants to Named Recipients (AS 37.05.316)

Grant Recipient: Aleutian Peninsula Broadcasting, Inc.

Federal Tax ID: 92-0077896

Project Title:

Project Type: Maintenance and Repairs

Aleutian Peninsula Broadcasting, Inc. - King Cove FM Radio Translator, Ground System, Studio Renovation, & Vehicle

State Funding Requested: \$146,000

House District: 37 / S

One-Time Need

Brief Project Description:

The public radio station in Sand Point is requesting state capital grant money for (1) a significant renovation of the FM radio translator in King Cove, (2) the replacement of the station's ground system at its transmitter site in Sand Point, (3) a studio renovation and (4) the replacement of the station vehicle.

Funding Plan:

Total Cost of Project: \$160,000

	<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
Local Funds	\$8,000					
Other Funds	\$6,000					
Total	\$14,000					

Explanation of Other Funds:

Additional Information: the "Local Funds" committed are coming from City of King Cove. The "Other Funds" committed are coming from the radio station.

Detailed Project Description and Justification:

NOTE: KSDP has prioritized the following projects to be completed with the \$50,000 capital budget grant:

- 1) Complete replacement of the non-functional FM radio translator in King Cove. This will enable the residents of King Cove to hear KSDP. Total cost of this segment is estimated at \$32,000.
- 2) Replacement of the AM transmitter site ground system in Sand Point. This will significantly improve the radio station's over the air sound quality. Total cost of this segment is estimated at \$40,000.

The communities of Sand Point and King Cove are committed to raising any additional funds for these two projects. No state funds will be used on the other projects listed in this request.

For use by Co-chair Staff Only:

**\$50,000
Approved**

4:33 PM 5/4/2010

830AM KSDP Radio / Aleutian Peninsula Broadcasting, Inc. serves the cities of Sand Point and King Cove, as well as several other important fishing villages in Alaska's State House District 37 and State Senate District S. The radio station employs three people, and the public station benefits from the ongoing support of Sand Point and King Cove based volunteers. The public radio station is affiliated with Alaska Public Broadcasting, Inc. (APBI) and National Public Radio (NPR). The Corporation for Public Broadcasting (CPB), Alaska Public Broadcasting, Inc., corporate underwriters, private foundations and the station's annual membership drive together fund the radio station's annual operating budget. Money is always in short supply and the operating budget offers no surplus for major maintenance, or capital intensive upgrades. For this reason, the public radio station is applying for \$146,000.00 (one hundred and forty six thousand dollars) in the state capital budget.

The grant request will finance a special project that is narrowly focused on station maintenance and capital upgrades. The project is most easily discussed in four parts. Each part answers a maintenance, or capital upgrade need that the station currently has.

Part one (1) of the project is a \$40,000.00 (forty thousand dollar) request to install a new FM radio translator in King Cove. The City of King Cove wants an FM radio translator that works in order to tune-in KSDP. The communities of Sand Point and King Cove have much in common and information on the radio is important to both. Additionally, the station frequently airs information that is of sole interest to those living in King Cove. Unfortunately, KSDP's King Cove, FM radio translator signal is near impossible to get. The listening difficulty follows the service being off the air for more than a year. Three factors that will be discussed later in this application are the reasons for King Cove's radio problems. Today, in King Cove listening online is the only sure way to tune-in KSDP. King Cove has waited patiently a long time for a better radio solution.

Several years ago, King Cove had a functional FM radio translator. Today, while the equipment remains in place, the FM signal reaches a very limited area in King Cove. The spotty coverage is highly dependent on the time of day and atmospheric conditions. The service has become temperamental because of the advanced age of the translator equipment, the location of the translator antenna and the method used to receive KSDP's Sand Point AM signal in King Cove for rebroadcast on the FM dial. Our proposed \$40,000.00 (forty thousand dollar) renovation of the FM translator will resolve each of the problem issues causing the translator's malfunction.

The proposed fix of the King Cove, FM translator will replace the worn out translator equipment, move the translator antenna and alter the way in which KSDP's broadcast from Sand Point is received in King Cove for rebroadcast. Currently, KSDP's AM signal goes over the air to King Cove. The AM signal is then amplified and rebroadcast by the FM translator. After the renovation, KSDP's broadcast signal will go to King Cove on the ARCS satellite system. The radio station already has its broadcast on the satellite system. These change will provide an FM radio signal everywhere in King Cove without constant service interruptions.

Making the King Cove, FM translator work means a lot to King Cove. High school students are producing half hour programs for the radio station that air on Friday and Saturday nights. Rob Lanham is traveling with the school basketball teams and providing live, play by play coverage of the games for the radio station. A reliable FM translator will enable people in King Cove to tune-in and enjoy these radio programs, as well as many others.

Part two (2) of our maintenance and capital upgrade project will replace the ground system at KSDP's AM transmitter site in Sand Point. The price to replace the tower ground system is \$40,000.00 (forty thousand dollars) and that amount is being requested. The present ground system is no longer connected to the radio tower. According to multiple engineers who have visited the radio station, the only thing providing an electrical ground to the station's tower is a chain link fence around

the transmitter site. The absence of a ground system means that the radio station cannot service the area it was licensed to cover. The replacement of the ground system at the AM transmitter site in Sand Point will remedy the problem and resolve a safety concern.

Part three (3) of our \$146,000.00 (one hundred and forty six thousand dollar) capital grant project will account for \$30,000.00 (thirty thousand dollars) of the total grant award. The funds will be used to renovate the studios. The studio upgrade will include the purchase and replacement of various furniture items, the replacement of six leaky exterior windows and the enclosure of a back portion of the current office space. The new work space toward the rear of the studio will be created through the installation of a prefabricated glass wall from Steelcase. The office space is needed due to the station's growing staff and increasing number of active volunteers. The wall needs to be glass in order to not block light to the inner office where there are no windows.

Part four (4) of the station's grant request is for \$50,000.00 (fifty thousand dollars) to purchase a new Chevy Suburban. The truck will replace the station's current vehicle, a well worn, 2000 Mercury Mountaineer. The radio station needs a vehicle with substantial carrying capacity, which the Chevy Suburban has. The station also needs a four wheel drive vehicle and the Chevy Suburban model we are requesting funding for is four wheel drive. The Suburban also makes sense for the radio station because of its bulk. Unfortunately, there are many road accidents in rural Alaska and even while careful, the radio station staff and volunteers aboard a vehicle able to withstand a terrible accident. The current vehicle will be sold at an attractive price into the local community and used the sale proceeds to ship the new Chevy Suburban to Sand Point.

In closing, I want to highlight the critical importance of public radio service in rural Alaska. In the absence of public radio, many would be cut off from the outside world as Mayor Henry Mack wrote in his letter of support for this application, which is included as an attachment. With that in mind, the radio station needs to be a wise steward of the funds that it has, and in our opinion that means buying excellent equipment that will serve the station for many years to come.

Project Timeline:

Note: \$50,000 will only cover Parts one and two of the following project time-line.

Parts one (1) and two (2) of the project will be completed in the first June to August period during the funding is available to the radio station. Part three (3) of the capital project will be completed within two months from the time funding is made available. Part four (4) of the project will take place immediately after funding is made available.

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

Aleutian Peninsula Broadcasting, Inc. and the City of King Cove

Grant Recipient Contact Information:

Name: Aleutian Peninsula Broadcasting, Inc.
 Address: 100 Main Street
 Sand Point, AK 99661
 Phone Number: (907)383-5737
 Email: gm@ksdpradio.com

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

For use by Co-chair Staff Only:

4:33 PM 5/4/2010

Recipient	Purpose	Amount	Total Cost	Summary	Description	Funding E	Public Rev	Responsibl
DRAFT - A	King Cove	156000	170000	The public ra	830AM	Additional IY		Aleutian Pe

King Cove FM Translator

Transfer of License Schwartz, Woods, and Miller	\$1,200.00
Engineer study and antenna design for new site, Gray Haertig Gray Freison Heartig and Associates	\$1,400.00
STL coordination study Gray Freison Heartig and Associates	\$950.00
Alaska Public Broadcasting field engineering 7 days at \$495/day	\$3,465.00
Tower Riggers X2 4 days including travel \$110/hr 10 hour day	\$3,960.00
Air fare 3 people round trip Anchorage to King Cove	\$2,844.00
Parts for rebuild of Crown Translator	\$500.00
Shop labor for rebuild	\$300.00
Translator Antenna(s) (Cost depends on antenna pattern design)	\$1,500.00
STL antennas Scala Paraflector X2	\$1,600.00
Mounting Kits X2 for item 10	\$27.00
Shipping for items 9,10,11	\$200.00
200 feet LMR 600 cable	\$380.00
Connectors for 13 type N male	\$95.00
waterproofing kits for 14	\$40.00
grounding kits for 13	\$50.00
STL transmitter Marti STL 20M	\$1,500.00
STL Receiver Marti SR 20M	\$1,500.00
Scientific Atlanta 9850 Receiver	\$970.00
connectors, splitters, cabling for 17,18,19	\$150.00
Rohn 45 G or equivalent tower section 10 feet X 4	\$1,172.00
Universal House Brackets for 21 X 5	\$625.00
Top section for 21	\$347.00
Through bolts and plates for 22	\$350.00
24 depends on analysis of building wall drawings	
tower base plate	\$275.00
Cabling, cable ties, grounds, etc	\$250.00
Tower anti climb sheets	\$450.00

Tower concrete pad local construction and material cost to be determined	\$4,900.00
shipping via Barge Line to King Cove to be determined	\$5,200.00
Total	\$36,200.00

Ground System

Copper wire	\$15,000.00
Shipping of Copper Wire (#10 bare soft drawn copper wire)	\$4,000.00
Labor for installation	\$15,000.00
Total	\$34,000.00

Office Renovation

British classics pedestal desk 72"	\$4,299.00
British classics computer hutch	\$2,199.00
New impressions castered armchair X (3)	\$1,137.00
Shipping office furniture	\$3,000.00
Purchase of prefab wall from Steelcase	\$9,000.00
400 Series Flexiframe® Windows X (6) Anderson Windows	\$4,914.00
Labor & materials to install 6 new exterior windows and prefab glass wall	\$5,000.00
Total	\$29,549.00

Vehicle

2009 Suburban 1/2-Ton 4-Wheel Drive LT 2L	\$49,295.00
Total	\$49,295.00

Governors Tax ID	Timeline	Location	Grant Name	Grant Street	Grant City	Grant State	Grant Zip
Peninsula Br 92-007789		Parts one (Sand Point Aleutian P		100 Main S	Sand Point	AK	99661

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9.07E+09 gm@ksdpradio.com

State Secured Timeline

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Future Oth Future Other Timeline



Kells Hetherington <kellshetherington@gmail.com>

Letter

1 message

ROBERT LANHAM <ecclesiastes910@prodigy.net>

Fri, Feb 12, 2010 at 1:57 PM

To: Kells Hetherington <kellshetherington@gmail.com>

Dear Senator Lyman Hoffman and Representative Bryce Edgmon:

I am writing in support of 830AM KSDP Radio / Aleutian Peninsula Broadcasting, Inc.'s grant application seeking funds in this year's state capital budget.

KSDP very much needs the forty thousand dollars it is requesting in the state capital budget in order to make the King Cove FM translator operational. Today, the FM radio service in King Cove is impossible to get in most areas of King Cove, and most must listen to the radio station online, or drive around town in their vehicles until they find a spot where they can pick up the station.

The funding being requested by the radio station will make a real difference in the lives of the people in King Cove. Interest in the radio station has increased and now several people, myself included, volunteer at the station in various ways. Also, many elders in the town rely on the broadcast for their news and weather reports. Most of them do not have satellite television, and reception of channel 9 can be sporadic, and their programming does not provide much in terms of local-interest news.

Thank you for helping us secure the requested projected funds this legislative session.

Sincerely yours,

*Rob Lanham
King Cove resident since 2007*



P.O. Box 37
King Cove, AK 99612
907-497-2340 (phone) 907-497-2594 (fax)
hmackmayor@gmail.com

Office of the Mayor

February 12, 2010

To Whom It May Concern:

Re: Letter of Support
State of Alaska Capital Grant
Purchase and Installation of FM Translator

The City of King Cove would like to support the efforts of KSDP Radio on behalf of the City for a State Capital Grant referenced above.


For quite some time King Cove has had little or no FM radio service. The residents of King Cove miss this radio transmission and would like to have it back. Without the radio station as a viable option for listening it cuts us off from radio broadcasts that may have importance to our daily lives.

We would appreciate consideration for funding the purchase and installation of a new FM translator in King Cove.

Please contact me if you would like to speak to me personally.

Thank you

Yours truly,


Henry Mack
Mayor