

**Agency: Commerce, Community and Economic Development****Grants to Named Recipients (AS 37.05.316)****Grant Recipient: KSKO 870 AM Radio McGrath****Federal Tax ID: 92-0072825****Project Title:****Project Type: Equipment and Materials**

# Kuskokwim Public Broadcasting Corporation - KSKO 870 AM Radio McGrath FM Translators

**State Funding Requested: \$60,000****House District: 38 / S**

One-Time Need

**Brief Project Description:**

Purchase and install two FM translators that will allow for FM broadcasting.

**Funding Plan:**

Total Project Cost:	\$120,000
Funding Already Secured:	(\$60,000)
FY2015 State Funding Request:	(\$60,000)
Project Deficit:	\$0

*Funding Details:**KSKO and private donations will provide funding for two of the four needed translators.***Detailed Project Description and Justification:**

KSKO radio station in McGrath is seeking funding for FM translators that will allow them to broadcast FM radio throughout the region. KSKO needs four translators, and is asking for capital funding for two. The remaining two will be paid for via KSKO's savings building account and private donations.

Radio in remote Alaska is an extremely important form of communication. The area is growing and KSKO's ability to broadcast over FM waves will greatly increase the area residents access to public radio.

The funding request includes funds for the translators equipment, installation, freight and a one-time purchase of equipment for stream distribution.

**Project Timeline:**

FY 2015- FY 2017

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

KSKO

**Grant Recipient Contact Information:**

Name:	Mike Lane
Title:	General Manager
Address:	PO Box 70 McGrath, Alaska 99627
Phone Number:	(907)524-3001
Email:	gm.ksko@gmail.com

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

## KSKO FM TRANSLATORS 2014

The following items are to be purchased PER SITE:

1 ea. Crown Broadcast FM30T Transmitter (includes audio processor and stereo generator)	\$ 3,899.
100 feet Times Microwave LMR400 coaxial cable	\$ 175.
2 ea N-male connectors for LMR400 coax	\$ 27.
1 ea. Antenna (Type will vary depending on site location)	
Scala HDCA-5 HRM 5-element Yagi directional FM broadcast antenna	\$ 512.
OR	
Scala GP-FM FM Antenna Omni-Directional	\$ 360.
1 ea. Comrex BricLink Codec for IP audio	\$ 1,633.
1 ea. Middle Atlantic Equipment Rack 36"	\$ 400.
1 ea. TrippLite Smart1500LCD UPS	\$ 280.
1 ea. NetGear JGS516 16-port rack-mount Wired Router	\$ 163.
1 ea. Davicom Micromac Remote Control	\$ 2,546.
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1 ea. 50' Rohn 45G Guyed Tower (This will vary depending on site location)	\$ 3,500
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The following items are to be purchased for the KSKO studio for program stream distribution. This set of equipment is common to all translator sites, and needs to be purchased only once.

1 ea Comrex BricLink Codec for IP audio	\$ 1,500.
1 ea. NetGear JGS516 16-port rack-mount Wired Router	\$ 240.
1 ea. TrippLite Smart1500LCD UPS	\$ 350.
Installation (Travel to site plus labor) 3 days	\$5,000
Freight for materials	\$4,200
Installation of antenna and coax including erection and guys	<u>\$3,700</u>
Estimated TOTAL	\$28,485