

Project Authorization Amendment

Date March 15, 2010



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00397-G-03

Project Number

Project Title

Repair and replacement of sewage disposal system for Shismaref Health Clinic

Performance Period

October 28, 2008 through September 30, 2010

Commission Amount

\$58,432.00

Match Source(s)

Native Village of Shismaref

Match Amount

\$11,870.00

Program Manager Nancy Merriman *N. Merriman*

Federal Co-Chair Joel Neimeyer *J. Neimeyer*

Certifying Official Jennifer Price *J. Price*

Pursuant to the terms and conditions of the Grant/Award, this Authorization:

This Project Authorization amendment will authorize additional funding from Award 00397 in the amount of \$10,732. The project cost and construction time was increased due to unanticipated increases in the scope of work and amount of labor required to complete the project, per the details below.

Factors increasing scope: In the course of installing the new septic system, it was discovered that the clinic's electrical utility connection was undersized. As a result, the insulation on the wiring between the meter and building began to melt, creating a fire hazard. A new subpanel and parts were purchased and installed. It was also discovered that the utilidor insulating the sewage line also contained potable water, creating a contamination risk in the case of leaking pipes. An additional 120 feet of insulated pipe was installed to reroute the sewage pipe inside the utilidor.

Factors increasing expense: The ground water level in the village was higher than expected, causing holes in the ground to fill with water quickly. This increased the time needed to remove the ground water. Joints, originally improperly installed, had to be unearthed and replaced to allow for heat trace to be installed. Heavy equipment provided by the community did not function properly and much of the excavation had to be performed manually. The additional time the project took increased the management expense.

Funding for this project:

Denali Commission	Award 00397, PA (12/1/2008)	\$47,700
Denali Commission	Award 00397, PA (01/20/2010)	\$10,732
City of Shismaref	Award 00397, PA (12/1/2008)	\$10,000
City of Shismaref	Award 00397, PA (01/20/2010)	\$ 1,870
TOTAL PROJECT COSTS		\$70,302

The project is tracked under ANTHC project Number AN-08-GL2.

There are no other changes to the Project Authorization.