



Financial Assistance Award

DENALI COMMISSION
 510 "L" Street, Suite 410
 Anchorage, Alaska 99501
 (907) 271-1414 (phone)
 (907) 271-1415 (fax)
 www.denali.gov

Project Number	0122-DC-2004-110
Project Title	Fire Island Transmission Line and Wind Power Feasibility Studies
Performance Period	January 1, 2004 – December 31, 2005
Authorizing Resolution	04 -01
Recipient Organization & Address	
Chugach Electric Association, Inc PO Box 196300 Anchorage, AK 99519 Phone: (907) 762-4446 Fax: (907) 762-4827	
Recipient DUNS # 00-389-9341	

Authority 112 Stat 1854	CFDA Number 90.100
Denali Commission Finance Officer Certification	<i>CEE</i>

Cost Share Distribution Table

Accounting Code	Denali Commission	Other Contributors	Total
95670000	\$750,000		\$750,000
			\$0
			\$0
			\$0
Total	\$750,000	\$0	\$750,000

This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission is issued in triplicate and constitutes an obligation of federal funding. By signing the three documents, the Recipient agrees to comply with the Award provisions indicated below and attached. Upon acceptance by the Recipient, two signed Award documents shall be returned to the Federal Co-Chair of the Denali Commission and the Recipient shall retain the third document. If not signed and returned without modification by the Recipient within 30 days of receipt, the Federal Co-Chair may unilaterally terminate this Award.

- Special Award Conditions and Attachments
- Line Item Budget
- OMB Circular A-133, Audits of States, Local Governments and Indian Tribal Governments
<http://www.whitehouse.gov/omb/circulars/a133/a133.html>

Administrative Requirements (check one)

- OMB Circular A-102, Grants and Cooperative Agreements with State and Local Governments
<http://www.whitehouse.gov/omb/circulars/a102/a102.html>
- OMB Circular A-110, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations
<http://www.whitehouse.gov/omb/circulars/a110/a110.html>

Cost Principles (check one)

- OMB Circular A-87, Cost Principles for State, Local and Indian Tribal Governments
www.whitehouse.gov/omb/circulars/a087/a087-all.html
- OMB Circular A-122, Cost Principles for Nonprofit Organizations
www.whitehouse.gov/omb/circulars/a122/a122.html
- OMB Circular A-21, Cost Principles for Educational Institutions
<http://www.whitehouse.gov/omb/circulars/a021/a021.html>
- 48 CFR 31.2, Contracts with Commercial Organizations

Signature of Authorized Official - Denali Commission <i>[Signature]</i>	Typed Name and Title Jeffrey B. Staser, Federal Co-Chair	Date <i>3-16-2004</i>
Signature of Authorized Official - Chugach Electric Association, Inc <i>[Signature]</i>	Typed Name and Title Evan J. Griffith, CEO	Date <i>3-26-2004</i>

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

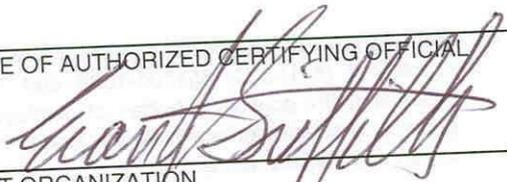
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Evan J. Griffith, CEO
APPLICANT ORGANIZATION Chugach Electric Association, Inc.	DATE SUBMITTED

***Award Conditions to the Financial Assistance Award
Between the Denali Commission and Chugach Electric Association
For Fire Island Transmission Line and Wind Power Feasibility Studies
Project No. 0122-DC-2004-I10***

1. Scope of Work

Purpose & Need

The purpose of the Fire Island Transmission Line and Wind Power Feasibility Assessment is to obtain a better understanding of the feasibility of extending Chugach grid electric service to customers and possible wind power resources on the Island. There are four primary reasons to extend a high voltage power line to Fire Island:

1. Existing customers on Fire Island could be better served by utility electric grid service. The FAA and USCG operate important navigational aids on the Island, are forced to self-generate, and would prefer to obtain power from Chugach.
2. Fire Island has been identified as a potential wind power site. The wind power potential on Fire Island is 50 to 100 MW and wind may be a cost effective energy supply resource, if there is a transmission line to the Island.
3. Future development and retail loads are likely to occur on Fire Island. The proximity to the Ted Stevens Anchorage International Airport, abundance of undeveloped land on the Island, and shrinking availability of land for industrial development elsewhere in Anchorage makes Fire Island an increasingly attractive option for developers.
4. The need for training of the rural workforce in wind technology and equipment is expected to grow as communities tap their wind resources. Wind turbines could be installed on one of the ridges on Fire Island reserved for training purposes given the wind resource and the land use support from CIRI. Such an installation would require the support of an electric interconnection to the grid system.

The current study premise is the electrical design for the line extension will have sufficient capacity to serve all future loads and approximately 100 MW of electric generation, and will initially serve six USCG and two FAA loads. Civil design of a barge landing and roads will have capacity to support a line extension and wind generation. Environmental studies will identify what work would be required to provide for this development.

Objectives

The objectives of the study are to:

1. Further define and improve the previous conceptual plans and engineering work.
2. Identify a preferred line extension route to Fire Island capable of transferring approximately 100 MW.
3. Provide the preliminary design of the improvements to the existing power system grid required to transfer 100 MW of power between Fire Island and the mainland.
4. Provide a preliminary design of a 138 to 35 kV substation and distribution system on Fire Island required to serve the existing USCG and FAA load centers, as well as 100 MW of future wind generation.
5. Identify prior engineering and other studies and records required for the project.
6. Identify additional studies needed prior to project construction.

7. Provide the preliminary siting and design for a barge landing on the Island capable of supporting construction of the electrical infrastructure and a 50 – 100 MW wind generation development.
8. Provide the preliminary routing and design for roads on the Island capable of supporting construction of the electrical infrastructure and a 50 - 100 MW wind generation development.
9. Provide cost estimates for construction based on the above.
10. Perform field work to the extent that funding is available.

The study objectives do not include construction or applying for construction permits. Field work funding may be restricted by the budget and a priority will be given to environmental studies over geotechnical studies.

All Commission funding is intended for use for the scope of work identified in the Award document only. In the event there is a balance of funding remaining after the full scope of work has been completed, the Denali Commission shall determine how the excess funds will be allocated.

2. Milestones

The following milestones are identified as the major steps to be completed as part of the project. “Planned” dates for the first milestone are included here. As part of each progress report, recipients shall update the progress toward meeting these milestones (see section 7, Reporting).

Milestone	Planned		Comments
	Start Date	End Date	
Project-Specific*	04/01/2004	06/30/2004	Work Plan
Project-Specific*	07/01/2004	12/31/2004	Siting Studies and Route Selection
Project-Specific*	01/01/2005	06/30/2005	Final Report

3. Award Performance Period

The Award performance period is January 1, 2004 through December 31, 2005. This is the period during which Award recipients can incur obligations or costs against this Award.

4. Direct and Indirect Costs

The cost principles 48 CFR 31.2, are applicable to this Award. Indirect costs are not allowable under this Award. Please refer to the cost principles regulations for specific details on other allowable charges under this Award.

5. Budget and Program Revisions

The Administrative Circular A-110 applies to this Award. Please refer to the Administrative Circular for specific details on revisions to this Award. The Administrative Circular requires that Chugach Electric Association will inform the Commission in writing (e-mail, letter, or report) at the earliest possible date of any unanticipated project cost overrun, project schedule delays, or changes in the project scope or changed site conditions.

6. Payments

Payments under this Award will be made through the U.S. Department of Treasury's Automated Standard Application for Payment (ASAP) system. The ASAP system is the Commission's mechanism for requesting and delivering Federal funds to Award recipients. Your organization must be registered with the ASAP program in order to make draw downs. Please contact the Commission's Program Manager or Finance Manager for further information about registering with the ASAP program. Payments shall be made in accordance with OMB Circular A-110. **No interest will be accrued on these funds.**

7. Reporting

Two forms of project reporting are required under this Award, listed below. Chugach Electric Association shall submit reports using the Denali Commission's on-line Project Database System, available at www.denali.gov. If there are technical limitations which may prevent the recipient from meeting this requirement, please contact the Program Manager listed in this agreement.

- a. **Progress Reports** shall be submitted on a quarterly basis. The first reporting period is January 1, 2004 through March 30, 2004, and each quarter thereafter. Reports are due within 30 days of the end of the reporting period. Progress reports shall include the following:
 - i. Total project funding, including both Denali Commission funding and other project funding sources.
 - ii. The total project expenditures for the project as of the end of the reporting period, including both Denali Commission and Other funding sources.
 - iii. Update schedule and milestone information as identified in the Scope of Work

- iv. Narrative summary of the project status and accomplishments to date, and address the following questions: is the project on schedule, is the project on budget, and what actions are planned to address any project problems.
 - v. For minor repair and renovation projects or other non-construction projects, pictures should be provided of before and after, or photos that are representative of the funded activity, to the extent possible. Photos shall be provided in a digital format as part of the on-line report. A short description of the activity and names of those in the photos shall also be provided.
- b. **Federal Single Audits** shall be submitted annually, when required. In accordance with OMB Circular A-133, which requires [subpart 200] “Non-Federal entities that expend \$500,000 or more in a year in Federal awards shall have a single or program-specific audit conducted for that year in accordance with the provisions of this part. [subpart 205] The determination of when an award is expended should be based on when the activity related to the award occurs.”

Recipients shall also submit single audits to the Federal Clearinghouse designated by OMB. Information can be found on the following web-site:

<http://harvester.census.gov/sac/>

8. Project Close-Out

The project close-out shall be completed within 90 days of the end of the Award performance period or within 90 days of the completion of the project, whichever is earlier. Recipients must also draw down any remaining funds for expenditures incurred under this award during this 90-day period.

The Project Close-out report shall be submitted on-line through the Denali Commission’s on-line Project Database System, available at www.denali.gov. The project close out will require the recipient to submit the following information:

- a. Final data for each item listed in paragraph 6(a) “Progress Reports”
- b. Final project expenditures itemized by the following categories: planning & design; materials & equipment; freight; labor; project administration/overhead and other expenses.
- c. Acknowledgement of support: For all non-construction projects, the Award recipient shall include an acknowledgement of the Government’s support for the project(s) developed under this Award. Acknowledgement shall include:
 - i. The Denali Commission logo and the logo of each partner;
 - ii. The following statement: “This project was financed by the Denali Commission and its partners (*list the name of the funding partners*)”.

The format for acknowledgement of the Government's support for non-construction awards will vary with each award and must be agreed upon between the Award recipient and the Denali Commission Project Manager. Costs associated with this requirement shall be paid out of the project funding received by the Award recipient from the Denali Commission.

9. Public Policy Laws and Assurances

Award Recipients are required to comply with the public policy laws and assurances on Standard Forms SF 424b (non-construction projects) or SF 424d (construction projects). This form must also be signed by a certifying official of the organization. Some of the laws are highlighted below for your reference.

To the maximum extent practicable, considering applicable laws, Funding Recipients shall accomplish the project contemplated by the Award using local Alaska firms and labor.

No portion of this award may be used for lobbying or propaganda purposes as prohibited by 18 U.S.C. Section 1913 or Section 607(a) of Public Law 96-74.

Project level environmental reviews in accordance with the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA) are required as necessary for each project undertaken with Denali Commission funds.

10. Non-Compliance with Award Conditions

Recipients not in compliance with the terms and conditions of this Financial Assistance Award will be notified by the Denali Commission. The Denali Commission will work with the recipient to identify the steps necessary to bring them back into compliance, and will establish an appropriate time frame for the corrections to be made. If the corrections have not been made by the deadline, the Denali Commission reserves the right to either suspend or unilaterally terminate the Financial Assistance Award for non-performance.

11. Program Manager, Financial Manager & Other Contact Information

Denali Commission	Chugach Electric Association
Program Manager Rolf A. Dagg 510 "L" Street Anchorage, AK 99501 (907) 271-1414 fax (907) 271-1415 rdagg@denali.gov	Program Manager Steve Gilbert PO Box 196300 Anchorage, AK 99519-6300 (907) 762-4446 fax (907) 762-4448 steve_gilbert@chugachelectric.com
Financial Contact Ms. Michelle O'Leary 510 "L" Street, Suite 410 Anchorage, AK 99501 Voice – (907) 271-1767 Fax – (907) 271-1415 moleary@denali.gov	Financial Contact Kathy Harris PO Box 196300 Anchorage, AK 99519-6300 Voice – (907) 762-4725 Fax – (907) 762-4315 Kathy_Harris@chugachelectric.com