

Agency: Commerce, Community and Economic Development

Grants to Named Recipients (AS 37.05.316)

Grant Recipient: Cape Fox Heritage Foundation

Project Title:

Cape Fox Heritage Foundation - Cape Fox Heritage Foundation Technology Training Center

State Funding Requested: \$ 52,814

House District: 1 - A

One-Time Need

Brief Project Description:

Completion funding and safety improvements to Saxman-based, regional Multi-Use Technology Center.

Funding Plan:

Total Cost of Project: \$3,052,814

	<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>
Federal Funds	\$1,500,000	2008				
Other	\$1,500,000	2008				
Total	\$3,000,000					

Explanation of Other Funds:

The \$1,500,000 matching funds from the Cape Fox Corporation.

Detailed Project Description and Justification:

Item is \$ 52,814 for completion funding and safety improvements to a Multi-Use Technology Center based in Saxman.

The goal of the project is to train Alaskans in high-tech skills to attract private partner companies that will create jobs to fill year-round employment demands of Regional Native Corporations.

Funding will create a multi-use technology training facility in Saxman that can be used to train rural Alaskans with the skills necessary to work in technology-related industries. Facility will provide on-the-job training so that private sector partner companies will be attracted to place IT/IM/Technology businesses in Southeast Alaska.

The Cape Fox Heritage Foundation, has secured \$1.5 million from the Federal Economic Development Administration (EDA) to build this Multi-Use Technology Center. Cape Fox Corporation and other private partners have provided \$1.5 million in matching funds. The Technology Training Center is currently designed and ready for construction during the 2008 season. State funding is needed to install a fire suppression system, necessary to fit safety concerns and building codes.

Cape Fox and other Native Corporations have been very successful in securing IT/IM/Technology contracts from the federal government, but lack of infrastructure and a trained workforce in rural Alaska has forced these contracts to be implemented in the lower-48. This project is designed to break down existing barriers to entry so that these projects can be operated in

rural Alaska.

Project Timeline:

FY09

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

Cape Fox Heritage Foundation

Grant Recipient Contact Information:

David Landis
dlandis@capefoxcorp.com
P.O. 8558 Ketchikan, Alaska 99901
907-617-6044

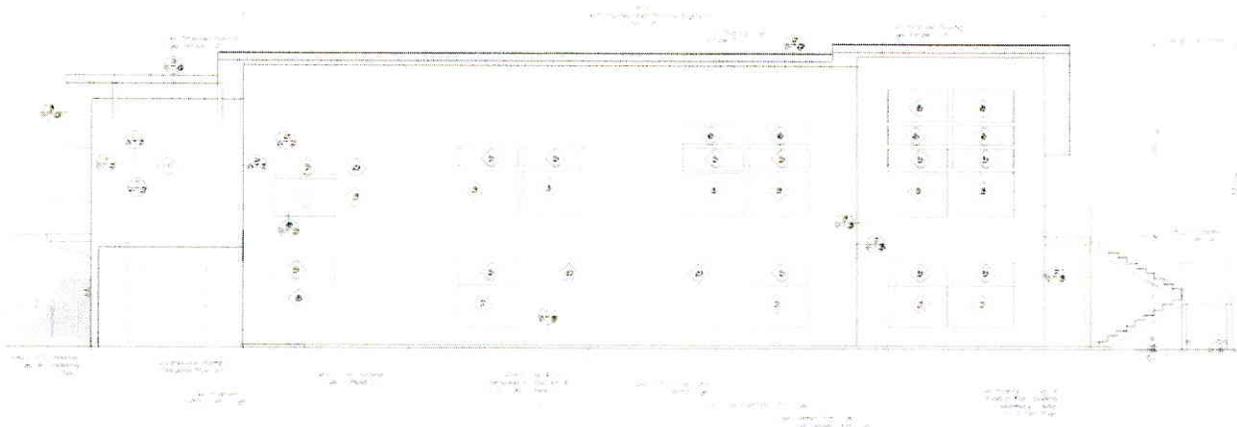
Has this project been through a public review process at the local level and is it a community priority? Yes No



THE COMMUNITY OF KETCHIKAN



Cape Fox Heritage Foundation Technology Training Center



Concept. The primary goal of the proposed training project is to develop a pool of potential employees to work in a Saxman-based, regional Multi-Use Technology Center.

Vision Statement. The vision is to provide such a fertile business environment that private partner companies will create enough jobs to satisfy all of the unsatisfied year-round employment demand of regional residents.

Mission Statement. The mission is to create a multi-use technology training facility in Saxman that can be used to train rural Alaskans with the skills necessary to work in the IT and other technology-related industries, and to use that facility to provide the infrastructure and the on-the-job training so that private sector partner companies will be attracted to place IT/IM/Technology businesses in Southeast Alaska.

Current Situation. Native Corporations, amongst others, have been very successful in securing IT/IM/Technology contracts from the federal government as well as subcontracts from many of the large government contracting primes. However, because of a lack of appropriate infrastructure and a trained workforce in rural Alaska, these contracts have been operated in the lower-48. This project is designed to break down existing barriers to entry so that these projects can be operated in rural Alaska.

Infrastructure Support. The Cape Fox Heritage Foundation, a 501c(3) non-profit corporation has already secured funds to build this Multi-Use Technology Center (\$1.5 million from E.D.A.). Cape Fox Corporation and other private partners have provided an additional \$1.5 million in matching funds for the construction of this facility.

Funding Request. The Technology Training Center is currently designed and ready for

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construction during the 2008 season. Current cost estimates have forced the exclusion of a fire suppression system, which is desirable for life/safety of the trainees who will be working there. The cost estimate for this sprinkler system is \$52,814.00.



July 27, 2007

David Landis, Chief Operating Officer
Cape Fox Heritage Foundation
PO Box 8558
Ketchikan, AK 99901

Re: Cape Fox Heritage Foundation Multi-Use Technology Training Center

Dear Mr. Landis,

GCI continues to enthusiastically support the Cape Fox Multi-Use Technology Training Center. We feel that this important project will help Alaska maintain its long-term competitiveness in an increasingly global economy. GCI currently serves communities throughout the State and as we dramatically increase our presence in Southeast, we're pleased to partner with a solid organization like Cape Fox.

As we discussed in our recent meeting, the soon to be completed GCI fiber optic cable into Ketchikan will help integrate your village into the global telecommunications network and will serve as a vital commerce link for your community. Your project, in conjunction with our new connectivity to Ketchikan, has the capacity to help transform the region's economy. The partnership you propose can have long-term relevance and benefit to Saxman and the entire State.

We would be pleased to serve as your telecommunications partner, and as such would offer the following:

1. GCI will provide input into the design and provision of telecom services.
2. GCI will provide input into your training curriculum development.
3. GCI will seek to hire qualified graduates of your training program, and upon hiring reimburse the Center a reasonable amount for training costs incurred.
4. GCI will express our support of your efforts to create jobs in this industry sector.



Should you or any other party have any questions about this letter of support, please contact me at (907) 868-6099 or lschnaper@gci.com.

Yours truly,

General Communication Corp.

A handwritten signature in blue ink, appearing to read "LS", with a long, sweeping horizontal flourish extending to the right.

Lewis Schnaper
Director of Business Initiatives

A. Need for the Facility

Cape Fox Heritage Foundation of Saxman, Alaska is seeking to provide training and year round employment opportunities for the community in the rapidly growing information technology and small electronic assembly fields by construction of a facility to support these uses. The Cape Fox Multi-Use Technology Training Center will address these needs.

Development goals for this project are to create efficient and flexible production and training space for small electrical assembly contracts and information technology. The new facility will provide training opportunities for technology-based industries as well as attract new technology-based industries to the area. The building will be designed using sustainable building practices to maximize operational efficiency while minimizing environmental impact. The Center will provide safe and pleasant working conditions for staff and trainees, using the south facing site and waterfront view to its advantage, and be fully accessible. The building will be located adjacent the Cape Fox Corporation offices, and will be complementary in its appearance with a sloping roof, large overhangs, and wood siding at some exterior locations.

B. Existing Facility

There are no existing facilities in the Ketchikan area to provide training and year round employment opportunities in the rapidly growing information technology and small electronic assembly. With the installation of fiber optic cable to the Ketchikan area in the next year, these industries become even more viable. The Cape Fox Multi-Use Technology Training Center will address the need for a facility of this type.

C. Proposed Facility

The following narrative was used to define the architectural and spatial programmatic needs for the Cape Fox Multi-Use Technology Training Center. The design has been influenced by four main considerations: optimal scale of building for proposed uses, productivity of staff, efficient materials handling, and site and regional considerations.

Optimal Scale: The sizing of the approximately 7,000 sf building is based on evaluation of existing facilities for businesses the Center seeks to attract to the area as well as the uses. The building will house two separate functions: One half of the facility will house the assembly & manufacturing uses, with the other half allocated to Information Technology offices and specialized computer spaces. These two uses are not specifically related, and should be entirely separate areas with their own entries. The MUTT Center will have from 20-30 employees total, with staff and trainees equally distributed between the two functions.

Productivity of Staff: The Center will address the need for sustainable, well-designed and flexible work space with natural lighting and ventilation at an easily accessible location on a public transportation route. Back-up systems will help ensure there is no down time to systems.

Efficient Materials Handling: For the Electrical Assembly & Manufacturing area, the loading dock and Shipping/Receiving Room will allow materials to arrive on a direct route from the highway or dock, and be immediately transferred to storage racks. There is a clear and direct route for the Shipping/Receiving Room to General Storage, Kitting area, and the Assembly spaces.

Site & Regional Considerations: The proposed building location has been established by the existing infrastructure and development, and the need to interface with one another. The building and site improvements have been located on the developed portion of the site to limit disruption and impact to the creek traversing the site.

Sustainable building practices include sloping roofs to match the existing buildings in the area, with sheltered openings and durable and natural local materials a response to the heavy rainfall. The prevailing winds from the Southeast make the north end of the building a valuable delivery and work area sheltered by the building. Details such as the vented siding installation, insulation, and high quality windows make the building easy to maintain. South-facing windows allow for natural light, ventilation, and passive solar heating.

Together, these four logistic and operational criteria have defined the building design to reflect the user's needs and the site. In addition, there are other programmatic and regulatory requirements that have influenced the project. Combined, these forces have resulted in the schematic design.

Area Descriptions

The following program summary was developed from the spaces noted in the Request for Proposals, and additional meetings with Cape Fox Heritage Foundation staff. A tabulation of spaces and square footage follows.

Assembly & Manufacturing

Electrical Assembly & Manufacturing:

This space should be a flexible, well-lighted multi-use area that can be reconfigured to meet contract and training needs. It is proposed to have individual work station tables of approximately 2'-6" x 6'-0" that can be put together as necessary for the project. Each work station will need power to run a heat gun, solder gun, thermal stripper, and task lighting. Power drops from the ceiling appear to be the best approach with the most flexibility. Basic tools in the assembly process include a large magnifier, crimper, pliers, screwdrivers, and a static discharge mat with a ground. One area of the room should have a sink and dishwashers for cleaning circuitry boards, and another area with a fume hood for a cleaning process using alcohol. To create a good work environment and relieve eye strain, operable windows would be an asset. Mechanical ventilation will be required throughout the space, with an air drop at each workstation for small equipment.

Public & Staff Entry:

A visible, ADA compliant entry will be provided that can be made secure if needed for future for government contracts.

Office:

Adjacent the entry, this room will provide an enclosed work area for one staff member with a desk, files, and computer area. An operable relite window will open on to the Entry for monitoring of visitors if necessary.

Covered Loading Dock:

For shipping and receiving, the elevated loading dock will be located on the end of the building close to the highway and driveway for ease of delivery and efficient material handling.

Shipping & Receiving:

Located adjacent the loading dock and with visual access of the dock, the shipping and receiving area will provide a direct route for materials to arrive and depart the facility. The room will be a secure area and offer storage for materials as they are checked in, or approved for shipment. It should have a direct connection to other storage areas. One counter station will serve the loading dock and act as point of contact for incoming and outgoing materials. System requirements include telephone, facsimile, and network computer lines.

Storage:

General storage of materials used in the assembly process including small tools will be stored on open shelving. Many materials are kept on wheeled carts and will move in and out of the assembly area as needed. An area for future use as secure bonded storage is required within this space.

Kitting/Storage:

Adjacent the storage area, this flexible area will store materials assembled in "kits", both completed and still in process, or be incorporated within the assembly area.

Quality Control:

An area for inspection of assembled components, with several work stations located within the Assembly Room.

Staff Breakroom/Conference:

This area will be used by staff, but could also function as a conference area if required. The room will have a counter with a sink, small refrigerator and microwave oven. The room should have natural light and ventilation.

Men's & Women's Restrooms:

ADA compliant restrooms for staff and visitors should be located near the Breakroom. Each restroom will have two toilet stalls (one accessible) and one accessible lavatory.

Mechanical & Electrical Room:

Equipment requirements will determine the size and location of this room. With the use of electrical heat, mechanical room requirements will be minimal. Ventilation equipment is proposed for accessible attic spaces.

Information Technology

Public & Staff Entry:

A visible, ADA compliant entry will be provided that can be made secure if needed for future government contracts. A display will be provided to introduce visitors to the facility. A relite window will open on to the adjacent office for security.

Enclosed Offices:

Four offices will be provided to serve information technology clients and staff. System requirements include telephone, facsimile, and network computer lines to each office. Natural lighting and ventilation is recommended with views to the water, or woods. For the Office adjacent the Entry, an operable relite window will open on to the Entry for monitoring of visitors when required.

Copy/Work Room:

A common work area with copy machine, office supplies, and work counter.

Common Work Area:

Flexible office area that can be reconfigured to meet changing client needs should be located adjacent the enclosed offices and work area. System requirements include telephone, facsimile, and network computer lines to each work station. Natural lighting and ventilation is recommended. Power is to be supplied from a raised floor system that will allow changes to layout to be made easily.

Computer Space:

An enclosed area for computer servers located near the electrical service and back-up generator. Room should be well ventilated.

Staff Breakroom/Conference:

This area will be used by office staff, but could also function as a small conference area. The room will have a counter with a sink, under counter refrigerator, coffee maker, and microwave oven. The room should have natural light and ventilation.

Men's & Women's Restrooms:

ADA compliant restrooms for staff and visitors should be located not far from the Entry. Each restroom will have two toilet stalls (one accessible) and one accessible lavatory.

Mechanical & Electrical Room:

A small room will be provided for electrical and data panels and other equipment adjacent the computer area, with a possibility of using the attic for ventilation equipment.

Classroom/Network Operations Center:

A flexible space used for computer training with capabilities for network operations center.

Site Improvements

Covered Exterior Storage:

Located near the Loading Dock, fenced and covered storage for assembly materials will be provided. Some of the materials may be considered hazardous, and their storage may be located farther from the building.

Parking:

Up to 15-20 spaces will be required per KGB Zoning Requirements for the proposed amount of staff. Parking will be on two levels, with half at each entry to the building.

Fencing:

Security concerns associated with government contracts may require the building and site to be fenced.

Service Yard:

An area on the site will be defined for a future exterior service area, including a possible antenna site if required.