

House District 6

Senate District 3

THE TWENTY-SIXTH LEGISLATURE  
HAWAI'I STATE LEGISLATURE  
APPLICATION FOR GRANTS & SUBSIDIES  
CHAPTER 42F, HAWAI'I REVISED STATUTES

Log No: 17-C

For Legislature's Use Only

Type of Grant or Subsidy Request:

GRANT REQUEST - OPERATING

GRANT REQUEST - CAPITAL

SUBSIDY REQUEST

REC'D

JAN 27 2011

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Subsidy" means an award of state funds by the legislature, by an appropriation to a recipient specified in the appropriation, to reduce the costs incurred by the organization or individual in providing a service available to some or all members of the public.

"Recipient" means any organization or person receiving a grant or subsidy.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN): ACCOUNTING AND GENERAL SERVICES

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN): \_\_\_\_\_

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual: Explorations Foundation

DbA:

Street Address: 74-4460 Queen Kaahumanu Hwy #105  
Kailua-Kona, HI 96740

Mailing Address: same

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name CURTIS MURAOKA

Title Co-Director

Phone # 808-987-2522

Fax # 808-327-4750

e-mail director@whea.net

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION
- FOR PROFIT CORPORATION
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

Explorations Foundation seeks a \$1.5 million capital Grant to assist West Hawaii Explorations Academy Public Charter School in relocation and construction to a new site outside of the danger zone for the expanded Kona Airport. Funds will be utilized primarily for site preparation.

4. FEDERAL TAX ID #:                     

5. STATE TAX ID #:                     

7. AMOUNT OF STATE FUNDS REQUESTED:

FY 2011-2012 \$ 1,500,000

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 1,300,000

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:

CURTIS MURAOKA, CO-DIRECTOR

1/28/2011

NAME & TITLE

DATE SIGNED

## Application for Grants and Subsidies

*If any item is not applicable to the request, the applicant should enter "not applicable".*

### I. Background and Summary

This section shall clearly and concisely summarize and highlight the contents of the request in such a way as to provide the State Legislature with a broad understanding of the request. Include the following:

1. **A brief description of the applicant's background;**

**Exploration Foundation (EF), a 501c3 nonprofit organization, was established in 2007 as an affiliated support organization for West Hawaii Explorations Academy, a Public Charter School (WHEA).**

**About WHEA.** West Hawaii Explorations Academy (WHEA) was founded in 1994 as a partnership between the Hawaii DOE and the Natural Energy Laboratory Hawaii Authority (NELHA) in Kona, Hawaii Island. It operated as an off-campus school-within-a-school program of Konawaena High School from 1994 to 2000, and has been a tenant of NELHA for 17 years.

WHEA was approved as a public charter school on May 5, 2000 by the Board of Education under the New Century Schools Act of 1999. WHEA is Hawaii's first charter high school.

In 2002, WHEA became the first Hawaii charter school to gain accreditation from the Western Association of Schools and Colleges (WASC), and is consistently among Hawaii's highest performing public high and middle schools. It has gained state and national recognition from the George Lucas Educational Foundation (2001 and 2007), Intel and Scholastic Schools of Distinction (2005), Blue Ribbon Lighthouse Schools (2005), has received legislative commendations, and also won the Governor's Innovation Award in June of 2008.

WHEA serves a diverse student demographic primarily from the district of North Kona, but also enrolls students from 50 miles north or south along the Kona Coast (a 100 mile radius), with 54% Caucasian, 23% Hawaiian/Part Hawaiian, and 11% Asian American (including special needs and at-risk populations). The program is designed as an incubator Project Based Learning (PBL) laboratory school dedicated to exploring, establishing and advancing innovative, hands-on "best practices." Its real-world science projects use NELHA as a high-tech learning environment. WHEA's methodology has been disseminated at educational conferences nationally.

Student-driven, constructivist ideas form the basis of the school's pedagogy. Since inception, thousands of students, parents, community volunteers and staff have collaborated to plan and install virtually all the school's infrastructure. For example, WHEA has:

- Poured 15,000 square feet of cement slabs;
- Laid hundreds of yard of plumbing and electrical ducts;
- Constructed a fully permitted 3,000 square foot workshop and computer lab;
- Installed 6,000 square feet of shade cloth project space;
- Created a 9,600 gallon reef tank and 14,000 gallon live shark display;
- Assembled hundreds of pieces of basic equipment like water tables, work benches, and bleachers.

Over the years, this student and community-driven approach has hauled tons of gravel via wheelbarrow, painted, patched and otherwise pitched-in to set up hundreds of projects and display areas. The result is an award-winning, innovative, frugal and successful model of public education.

## **2. The goals and objectives related to the request:**

The planned expansion of the Kona International Airport, including a military C-17 runway, is now underway, and scheduled for completion in 2013. The KONA AIRPORT master plan shows that WHEA's current site will be placed within a "significant impact" 65 decibel day/night average noise level (DNL) contour, creating a health and safety concern for students, staff, and visitors.

It should be noted that WHEA's current parcel was the only site option offered in 1994, and that Kona Airport was not the bustling international facility it is today. NELHA has since expanded its infrastructure and capacity, and this relocation is now necessary for health and safety reasons.

The new site is well outside the detrimental 65DNL noise contour, and is on higher ground, which will also move WHEA out of the tsunami zone.

The Exploration Foundation requests a \$1.5 million capital grant from the State of Hawai'i to assist WHEA in the immediate implementation of planning, design, site preparation and initial construction of WHEA's new campus located on 4.8 acres near the NELHA Gateway Energy Center. A letter from the County of Hawaii's Planning Department dated June 16, 2004 affirms the appropriateness of this site relocation: "(Hawaii County) confirm(s) that the establishment of (West Hawaii Explorations Academy Public Charter School) upon the subject property will be consistent with its General Industrial (MG-3a) designation as well as with uses permitted within the Special Management Area (SMA) as approved by SMA Use Permit No. 239."

Total estimated cost for the new WHEA campus is approximately \$10 million. The plan focuses on the construction of essential indoor and outdoor learning venues consistent with WHEA's mission and vision for hands-on, project

based learning, Science, Technology, Engineering and Math (STEM), and the role of the campus as both 6-12 public school, as well as a PreK-20 learning resource for educators, students, parents and community members statewide. For example, WHEA annually hosts about 1,500 visiting school children, parents and teachers via the Aloha Kai Tour Project, and expects its 25,000<sup>th</sup> visitor this school year.

The proposed facility will be a successful iteration of WHEA's current high-performing, award-winning public school program. The goal is a frugal, innovative, replicable educational facility located within NELHA, serving as a safe and healthy learning environment free from detrimental airport noise levels.

Among the features of the new campus will be:

- Alternative energy engineering (i.e. solar panel net metering and deep ocean water cooling systems), bio-fuel projects, and model operations and maintenance programs demonstrating best practices for in energy conservation and use.
- Efficient use and reuse of NELHA sea water resources (warm surface and cold deep sea water);
- Aquaculture and agriculture, including production and conservation of fresh water;
- LEED and/or Green certification, including a zero waste initiative;
- Broad community outreach via an environmental education center open to students state-wide through WHEA's award-winning Aloha Kai Tour Project, as well as numerous partnership projects as already exist.

Exploration Foundation has entered into a 30 year lease with NELHA to construct and operate WHEA's K-12 programs for 300 students. Specifically, The Foundation's project will involve obtaining grading and building permits, coordinating final bid pricing, securing a construction contract, site preparation work and construction.

The estimated total cost for acquisition and initial phases of the new WHEA Campus Project is approximately \$10 million. Exploration Foundation has already developed a detailed strategic fundraising and marketing plan, and is in the process of soliciting funds for completion of the entire project within schedule.

### **3. State the public purpose and need to be served;**

The Obama Administration has been a visible supporter of high-performing charter schools; WHEA is one such school. WHEA has used the freedoms afforded by its charter status to innovate and create applied learning models that contribute to best practices in meaningful school reform. WHEA has conducted presentations both in-state and nationally showcasing innovations that contribute to the STEM education reform dialog. Therefore, WHEA serves a larger purpose and need in school governance and education reform.

Of Hawaii's 31 charters, 13 are on the Big Island, and serve as an important alternative and choice for Hawaii's parents and students. Locally, the option of a high-performing hands-on, STEM related education on the Kona side of the Big Island is in jeopardy. Through no fault of its own, the expansion of the Kona Airport leaves WHEA just two options: relocate or close.

It is clearly in the public interest to preserve this educational option for parents, students, and community partners, including educators seeking effective reform models.

The collaborative college and career preparatory experience of participating in longterm inquiry of complex, real-world issues is very well developed at WHEA. The curriculum provides students significant choice and control while working on academically rigorous projects to develop 21<sup>st</sup> century skills not always found in traditional classroom settings: collaboration, interpersonal communication and critical thinking embedded in the creation of high-quality, authentic products using multiple intelligences.

This student-centered approach contrasts to so-called "book learning" by getting students involved in their communities as part of their daily school routine.

As stated above, WHEA has received broad recognition for its best practices:

- 2001 and 2007—George Lucas Education Foundation featured school;
- 2002 – present—WASC accreditation;
- 2005 – Blue Ribbon Lighthouse School Award honored WHEA's Aloha Kai Tour Project as a national Best Practice;
- 2005 - WHEA received the Intel and Scholastic Schools of Distinction Award for Scientific Achievement;
- 2008 - Hawaii Governor's Innovation Award
- For the 2009-10 school year, 100% of seniors graduated, and 95% enrolled in college for Fall, 2010.

#### **4. Describe the target population to be served; and**

WHEA's current grade 6-12 enrollment is 196, which includes special needs and at-risk students. Average daily attendance was 94% over the past three years. Attendance rate and a waiting list of 30 students indicated that despite long term facilities challenges, students and parents have a positive view of the school. The new campus is projected to allow an enrollment increase to approximately 300.

Informal surveys indicate that many parents report being put off by the roughness of the current facility, including the lack of standard toilet facilities (NELHA is not served by county sewage lines, and "pot-a-potties" are common at tenant sites since ground water pollution is a concern).

WHEA serves a diverse student demographic primarily drawn from the district of North Kona, but often enrolls students from 50 miles north or south along

the Kona Coast (a 100 mile radius), with 54% Caucasian, 23% Hawaiian/Part Hawaiian, and 11% Asian American (including special needs and at-risk populations). In many ways, WHEA is a magnet for students who are STEM focused, and interested in college preparatory or career readiness opportunities. While the majority of students attending WHEA are from the immediate West Hawaii region (families residing in Kailua-Kona, Holualoa, and Keauhou), students living in farther communities (North Kohala, Waikalooa, Waimea, Kealakekua, Captain Cook, Honaunau and Ocean View) also attend WHEA in significant numbers. Most of these students are able to use the county bus system to get to school.

Beyond the families served by WHEA, a large part of the school's mission is to develop and disseminate best practices, and share how-to methodologies with collegial groups of educators wanting to implement hands-on learning at their schools. WHEA's ultimate goal is to replicate its program state-wide in collaboration with the Hawaii DOE.

**5. Describe the geographic coverage.**

WHEA serves a diverse student demographic primarily drawn from the district of North Kona, but often enrolls students from 50 miles north or south along the Kona Coast (a 100 mile radius), with 54% Caucasian, 23% Hawaiian/Part Hawaiian, and 11% Asian American (including special needs and at-risk populations). In many ways, WHEA is a magnet for students who are STEM focused, and interested in college preparatory or career readiness opportunities. While the majority of students attending WHEA are from the immediate West Hawaii region (families residing in Kailua-Kona, Holualoa, and Keauhou), students living in farther communities (North Kohala, Waikalooa, Waimea, Kealakekua, Captain Cook, Honaunau and Ocean View) also attend WHEA in significant numbers. Most of these students are able to use the county bus system to get to school.

Historically, students from Hilo have also enrolled, and one student who lives on Oahu commuted weekly because a parent worked for the airlines. Some mainland families have reported relocating to Kona in part because they wanted their child to attend WHEA. WHEA has also hosted exchange students from Turkmenistan, Germany, Sweden, Denmark, Turkey and Japan.

## **II. Service Summary and Outcomes**

The Service Summary shall include a detailed discussion of the applicant's approach to the request. The applicant shall clearly and concisely specify the results, outcomes, and measures of effectiveness from this request.

**1. Describe the scope of work, tasks and responsibilities;**

Specifically, to accomplish the Exploration Foundation's WHEA Campus project EF has hired a Project Manager, Pa'ahana Enterprises, LLC, Mr. Ken Melrose), selected an Architect (Ferrero & Choi) , determined a method of

construction (Design-Build), hiring general contractors for coordination of permits, grading, final bid pricing and construction subcontracts. Site preparation work includes:

- a - Grub and Clearing;
- b - Site grading and prep;
- c - Site infrastructure, including NELHA seawater access;
- d - Parking & Driveways;
- e - Landscape & Irrigation, and
- f - Construction start-up.

The Kona International Airport Master Plan and C-17 runway expansion necessitate a tight time frame for school relocation, therefore the Foundation must move as quickly as possible into the construction phase.

The WHEA Campus Relocation initiative will include the following:

*Processes*

Planning, Design, Permitting, Pricing

*Buildings*

Administration Building with staff office space - to include several conference venues for staff meetings and student counseling

Multi-use "Student Union" and Food Service with certified kitchen

Computer lab/research/library/instructional space for Middle School

Computer lab/research library space for High School with Community outreach/adult school evening use

Multipurpose Lab to include sinks ("wetlab")

12 HS Teaching Areas - this could be 6 large areas which could be divided into 2 smaller areas - needs to have space for teacher's desk and storage space.

12 MS Teaching Areas - same as HS areas

Student Locker Area

Bathrooms

2 Media/Music Rooms

2 Shop Areas

Art Area

2 Project storage areas (could be attached to other buildings).

*Other Structures:*

Shark & Reef Lagoon

Tide Pool Touch Tank

2 Green Houses

Open Amphitheater

2 Aquaculture Area with tanks

2 Shade Cloth Agric. Areas

Field Space, Track & Multi Purpose Court (basketball, volleyball & tennis)  
Outside Showers  
Native Hawaiian Fishpond  
Anchialine Pond

\*\* Campus needs to be plumbed for fresh, surface & cold sea water, airlines and electrical outlets around campus.

Objectives and tasks involved in the entire project are as follows:

Objective 1: Planning & Design

Objective 2: Permitting & Final Pricing

2a - Grading Permit

2b - Building Permit

2c - Coordinate Final Bid Pricing

2d - Negotiate Construction Contract

Objective 3: Site work

3a - Extension of Existing Road and Waterline

3b - Grub and Clearing

3c - Site grading

3d - Site infrastructure

3e- Parking & Driveways

3f - Landscape & Irrigation

Objective 4: Building Construction

4a - Middle & High School Classroom Buildings

4b - Outside learning areas

4c - Other Features

Specifically, Exploration Foundation's Chapter 42 Capital project will involve obtaining grading and building permits, coordinating final bid pricing and securing a construction contract. Site preparation work will include: a - - Grub and Clearing; b - Site grading; c - Site infrastructure; d - Parking & Driveways; e - Landscape & Irrigation; f - initial construction.

Contractor:

The Project Manager has been selected, and a licensed general contractor overseeing the project will be selected in the near future.

Exploration Foundation's Board, Consultants, Project Manager and Capital Campaign Cabinet has therefore proposed the following scope of work for the WHEA Campus project:

- Form a collaborative team of professionals to develop a preliminary budget and comprehensive master schedule.
- Prepare project requests for proposal for public dissemination and bid.
- Provide assistance in reviewing and analyzing all recipient bids from prospective sub-contractors.



- Ensure that design is both aesthetically successful and duly responsive to project goals
- Coordinate WHEA technology implementation strategy with construction plan optimum current and future performance.
- Assure that all sub-contractors and other participants understand fully the project's design and purpose.
- Monitor all progress to anticipate difficulties, resolve issues and ensure that project adheres to schedule.
- Assure that work site meets all requisite OSHA and DLIR standards for a safe work environment.
- Coordinate final stages of construction, including punch lists and certificate of occupancy.

**2. The applicant shall provide a projected annual timeline for accomplishing the results or outcomes of the service;**

The following is a preliminary timeline for the project.

**1. A & E 685 days Wed 1/5/11 Tue 8/20/13**

2. 2 Master Plan & Schematic Design: New-FC 30 days Wed 1/12/11 Tue 2/22/11
3. 3 Architect- DD-CD, FC w/all design sub-consultants 150 days Wed 2/23/11 Tue 9/20/11
4. 4 Design Team Construction Admin 470 days Wed 11/2/11 Tue 8/20/13
5. 5 AV/Data/Phone/misc other design trades-TBD, allow 60 days Wed 5/18/11 Tue 8/9/11
6. 6 Soils report borings, perc tests, construction observe/tests-Ge600 allow Wed 2/23/11 Tue 5/17/11
7. 7 Environmental studies/NPDES/UIC-TBD, allow 120 days Wed 2/23/11 Tue 8/9/11
8. 8 Surveys, topo- WTA, allow 0 days Wed 1/5/11 Wed 1/5/11
9. 9 Archaeology survey & monitor-Rechtman, allow 0 days Wed 1/5/11 Wed 1/5/11
10. **10 Other indirect 720 days Wed 12/1/10 Tue 9/3/13**
- 11.11 Special inspections & testing- TBD, allow 240 days Wed 1/25/12 Tue 12/25/12
- 12.12 Project Management-Pa`ahana 720 days Wed 12/1/10 Tue 9/3/13
- 13.13 Marketing/Fundraising consultant 120 days Wed 2/23/11 Tue 8/9/11
- 14.14 Utility fees allow- DWS, Helco, OTW, HTCo 60 days Wed 9/21/11 Tue 12/13/11
- 15.15 Permits 120 days Wed 8/10/11 Tue 1/24/12
16. **16 Sitework 490 days Wed 11/2/11 Tue 9/17/13**
- 17.17 Grading 30 days Wed 11/2/11 Tue 12/13/11

- 18.18 Water 30 days Wed 1/25/12 Tue 3/6/12
- 19.19 Drainage 30 days Wed 12/14/11 Tue 1/24/12
- 20.20 Sewer 30 days Wed 1/25/12 Tue 3/6/12
- 21.21 On site electric 30 days Wed 3/7/12 Tue 4/17/12
- 22.22 Gas line and tank for kitchen 20 days Wed 4/18/12 Tue 5/15/12
- 23.23 Sidewalk, curbs & hardscape 60 days Wed 5/15/13 Tue 8/6/13
- 24.24 Parking lots 30 days Wed 5/15/13 Tue 6/25/13
- 25.25 Landscaping 90 days Wed 5/15/13 Tue 9/17/13
- 26.26 On site Data/Comm wiring & terminations, incl new phone sy3st0e mdays Wed 5/15/13 Tue 6/25/13
- 27.27 Surface seawater pipeline extension to site and DOW conne3ct0io dnays Wed 4/18/12 Tue 5/29/12
- 28.28 Replace W8 with W12 to site for fire flow 30 days Wed 12/14/11 Tue 1/24/12
- 29.29 Offsite 3 phase electric underground to site 30 days Wed 12/14/11 Tue 1/24/12
  
- 30. **30 Buildings 380 days Wed 1/25/12 Tue 7/9/13**
- 31.31 Administration Building 380 days Wed 1/25/12 Tue 7/9/13
- 32.32 Student Union, eating area, amphitheater 380 days Wed 1/25/12 Tue 7/9/13
- 33.33 Middle school buildings 380 days Wed 1/25/12 Tue 7/9/13
- 34.34 High School buildings 380 days Wed 1/25/12 Tue 7/9/13
- 35.35 Ag structures 380 days Wed 1/25/12 Tue 7/9/13
- 36.36 Aquaculture structures 380 days Wed 1/25/12 Tue 7/9/13
- 37.37 STEM and Wet lab buildings 380 days Wed 1/25/12 Tue 7/9/13
- 38.38 Display areas-shark tank, reef tank etc 380 days Wed 1/25/12 Tue 7/9/13
- 39.39 Move campus 30 days Wed 7/10/13 Tue

**3. The applicant shall describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results; and**

Exploration Foundation's Board, as well as WHEA's Local School Board have established a Capital Campaign Cabinet, with two Co-Chairs. A Building and Construction Committee, headed by Mark Yap, WHEA Facilities Manager, will review the proposals and make final recommendations to the board regarding the selection of the general and subcontractors and to provide oversight of all phases and aspects of the project. WHEA executive staff will meet regularly with general contractor to keep abreast of progress, and ensure that any difficulties, both anticipated and unanticipated, will be resolved optimally to assure that project continues on schedule.

The Building and Construction Committee will act as the agent to 1) review the progress of construction, 2) review the quality of construction, 3) process clarification requests and product submittals, 4) approve contractor payment requests, 5) provide final inspection.

4. **The applicant shall list the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.**

Success and achievement will be measured substantively by Exploration Foundation's ability to adhere to the prospective timeline regarding the fundraising, site preparation, and construction of the new campus. See preliminary timeline above under item #2.

Mr. Ed Rapoza, a licensed realtor and developer with twenty years experience, will be chairing the Fundraising Cabinet. EF has also retained the services of Myerberg Shain and Associates to prepare a Marketing & Feasibility Study (completed) and to work with the Fundraising Cabinet to implement the fundraising plan.

Mr. Ken Melrose, Sole Member & Senior Project Manager of Pa'ahana Enterprises, LLC, has responsibilities for:

- Site Planning and Development Feasibility Analysis
- Project Scoping and Programming
- Establishing Design and Cost Parameters
- Coordinating Designing Costing, Construction sequencing
- Overall Project Management and Design-Build Coordination

Mr. Melrose's experience includes KALO New Century Charter School Phase 2 in Waimea; portable classroom addition at Holualoa Elementary School, HPA - New Energy Lab classroom and new all weather track, new Connector Road and Pukalani road detention for Parker Ranch; HPM Distribution Center - Hilo.

EF has a Building and Construction Committee headed by WHEA Facilities Manager Mark Yap and includes the Co-Directors of WHEA, a member of the Foundation, with the Project Manager as a non-voting member, which will review the proposals and make final recommendations to the board regarding the selection of the contractors and to provide oversight of all phases and aspects of the project. EF executive staff will meet regularly with the general contractor to keep abreast of progress, and ensure that any difficulties, both anticipated and unanticipated, will be resolved optimally to assure that project continues on schedule.

### **III. Financial**

#### **Budget**

1. **The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.**

**Please see information provided on all attached pages, pursuant to legislative directive.**

**2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2011-2012.**

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$1,500,000	-	-	-	\$1,500,000

**3. The applicant shall provide a listing of all other sources of funding that they are trying to obtain for fiscal year 2011-2012.**

The Foundation and WHEA have recently commenced an ambitious but achievable capital campaign to raise funds for the new school campus. Initial requests for capital grant funding will be made to the U.S. Government; Hawaii-based private foundations such as the Harry & Jeanette Weinberg Foundation; corporate foundations such as Bank of Hawaii Foundation, First Hawaiian Bank Foundation, and smaller family trusts and foundations which support community and education initiatives. In addition we will solicit individual gift, vest pocket foundation gifts, corporate solicitations and a planned giving initiative to build an endowment for the building.

State Funds Requested: \$1,500,000  
 Federal Funding: \$2,500,000  
 Individual Private Organizations: \$3,700,000  
 New Market Tax Credits: \$2,300,000

**IV. Experience and Capability**

**A. Necessary Skills and Experience**

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

Exploration Foundation realizes that funds are tight in the current economy and only the most important projects can be funded. We would like to answer this question in two ways; our programmatic experience, and our experience with capital projects.

**CAPITAL CAMPAIGN EXPERIENCE:**

The Foundation has retained the services of an experienced fundraising firm, Myerberg Shain and Associates, which has long and successful record raising capital funds for nonprofit organizations in Hawaii and on the U.S. Mainland.

**CAPITAL PROJECT EXPERIENCE:**

The Foundation has selected as its Project Manager Mr. Ken Melrose, who will review the proposals and make final recommendations to the board regarding the selection of the contractors and to provide oversight of all phases and aspects of the project.

He is used to labor negotiations and managing projects of millions of dollars on a routine basis.

Mr. Ken Melrose is Sole Member & Senior Project Manager of Pa'ahana Enterprises, LLC has responsibilities for:

- Site Planning and Development Feasibility Analysis
- Project Scoping and Programming
- Establishing Design and Cost Parameters
- Coordinating Designing Costing, Construction sequencing
- Overall Project Management and Design-Build Coordination

Mr. Melrose's experience includes KALO New Century Charter School Phase 2 in Waimea; portable classroom addition at Holualoa Elementary School, HPA - New Energy Lab classroom and new all weather track, new Connector Road and Pukalani road detention for Parker Ranch; HPM Distribution Center - Hilo.

EF has selected as its architect Ferraro and Choi, which had prepared a preliminary conceptual design for the new campus. Ferrary and Choi has extensive experience with projects that meet the mission, vision and design goals of the new campus. Among their project include the Hawaii Gateway Energy Center at NELH, Kona, the University of Hawaii's Information Technology's Service Center, Shriner's Hospital, and many more.

## **B. Facilities**

**The applicant shall provide a description of its facilities and demonstrate its adequacy in relation to the request. If facilities are not presently available, describe plans to secure facilities. Also describe how the facilities meet ADA requirements, as applicable.**

The Exploration Foundation is requesting a \$1,500,000 capital grant (15% of the total cost) from the State of Hawai'i to assist WHEA in the immediate implementation of planning, design, site preparation and initial construction of WHEA's new campus located on 4.8 acres in the Gateway Center area of NELHA letter from the County of Hawaii's Planning Department dated June 16, 2004 noted: "With this letter, we confirm that the establishment of the WHEAPCS upon the subject property will be consistent with its General Industrial (MG-3a) designation as well as with uses permitted within the Special Management Area (SMA) as approved by SMA Use Permit Nol. 239."

Total estimated cost for the new WHEA campus is approximately \$10 million. The plan focuses on the construction of essential inside and outside learning areas consistent with WHEA's mission and vision for project based learning, Science, Technology, Engineering and Math (STEM), and the role of the campus as a K-12 learning center for schools, teachers and students on the Big Island.

The Exploration Foundation will build for WHEA a cutting edge, state of the art model sustainable green school, utilizing all the natural resources available at NELHA to create a healthy environment conducive to learning

while saving energy, resources and money. Among the features of the new campus will be a the ability to offer learning experiences in aquaculture, agriculture and fresh water production; LEED certification; zero waste; electricity production using solar and bio-fuels, water use reduction using cold water agriculture techniques, and a model operations and maintenance program demonstrating Best Practices for control energy costs.

Exploration Foundation has entered into a 30 year lease with NELHA to construct and operate WHEA's K-12 programs for 300 students. Specifically, The Foundation's project will involve obtaining grading and building permits, coordinating final bid pricing and securing a construction contract, site preparation work and construction.

The estimated total cost for the acquisition of the WHEA Gateway Campus Project is approximately \$10 million. Exploration Foundation has already developed a detailed strategic fundraising and marketing plan, and is in the process of soliciting funds for completion of the entire project within a 24 month period.

## **V. Personnel: Project Organization and Staffing**

### **A. Proposed Staffing, Staff Qualifications, Supervision and Training**

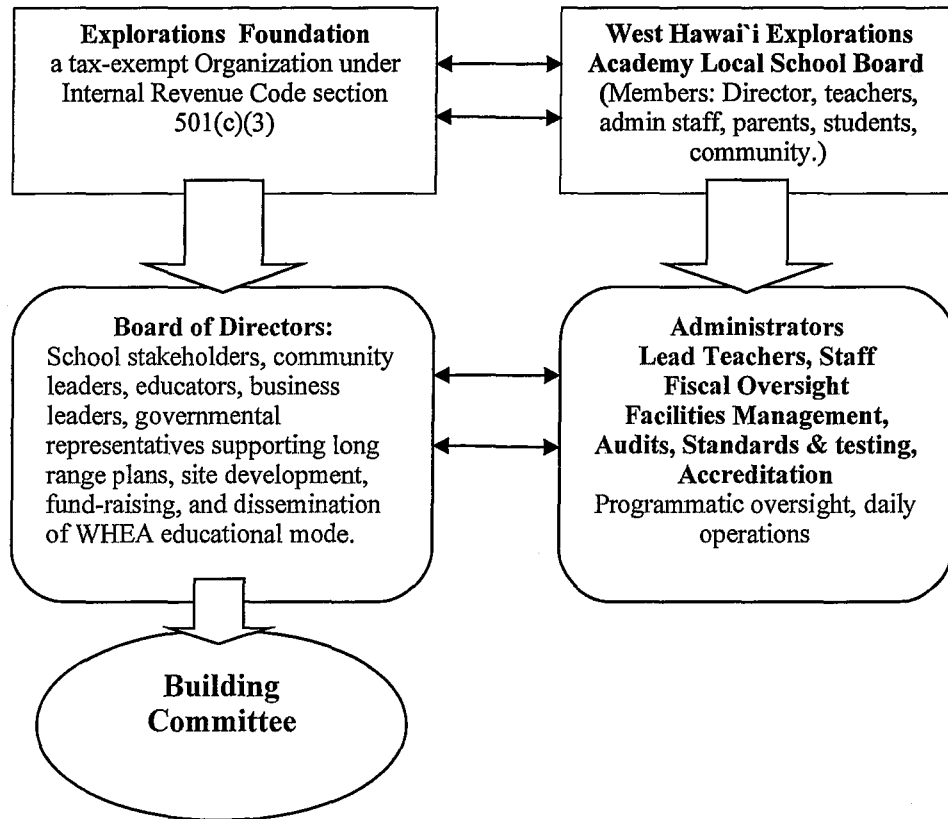
The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.

Like all public charter schools, WHEA is governed by a Local School Board, in partnership with the Exploration Foundation's Board of Directors. Typically, the individual leadership has been focused on the day to day, year to year running a high quality, successful school. These two governing bodies have routinely managed their financial resources to secure and maintain a school facility. The responsibilities for management of the per pupil allocation to a charter school is much more akin to the management of a nonprofit organization than a traditional public school.

Among the skills and experience on the WHEA and Foundation Boards of Directors that will provide oversight for the project are: A practicing attorney, a retired business entrepreneur, a small business owner (a candidate for Hawaii Business Person of the Year), two school administrators with 21 years of experience each, a retired University professor, a school facilities manager, experienced faculty and administrative staff.

### **B. Organization Chart**

The applicant shall illustrate the position of each staff and line of responsibility/supervision. If the request is part of a large, multi-purpose organization, include an organizational chart that illustrates the placement of this request.



## VI. Other

### A. Litigation

The applicant shall disclose any pending litigation to which they are a party, including the disclosure of any outstanding judgment. If applicable, please explain.

There is no litigation pending.

### B. Licensure or Accreditation

Specify any special qualifications, including but not limited to licensure or accreditation that applicant possesses relevant to this request.

WHEA was duly chartered by the State Board of Education in 2000.

WHEA has been accredited in good standing by WASC since 2002, and is the first Hawaii public charter school to earn accreditation. Most recently in 2009, WASC Accreditation was received "With Commendations."



**BUDGET REQUEST BY SOURCE OF FUNDS**  
**(Period: July 1, 2011 to June 30, 2012)**

**Applicant:** Explorations Foundation

<b>BUDGET CATEGORIES</b>	<b>State Funds Requested FY12 (a)</b>	<b>Federal Funding (b)</b>	<b>Other Funding Sources (c)</b>	<b>New Market Tax Credits (d)</b>
<b>A. PERSONNEL COST</b>				
1. Salaries				
2. Payroll Taxes & Assessments				
3. Fringe Benefits				
<b>TOTAL PERSONNEL COST</b>				
<b>B. OTHER CURRENT EXPENSES</b>				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies				
7. Telecommunication				
8. Utilities				
9. Planning & Design	600,000		900,000	
10. On-Site Improvements	900,000		1,100,000	
11. Construction		2,500,000	1,200,000	2,300,000
12. Ancillary Development Costs			500,000	
13				
14				
15				
16				
17				
18				
19				
20				
<b>TOTAL OTHER CURRENT EXPENSES</b>	<b>1,500,000</b>	<b>2,500,000</b>	<b>3,700,000</b>	<b>2,300,000</b>
<b>C. EQUIPMENT PURCHASES</b>				
<b>D. MOTOR VEHICLE PURCHASES</b>				
<b>E. OTHER</b>				
<b>TOTAL (A+B+C+D+E)</b>	<b>1,500,000</b>	<b>2,500,000</b>	<b>3,700,000</b>	<b>2,300,000</b>
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	1,500,000	Curtis Muraoka (808) 220-0682		
(b) Federal Funding	2,500,000	Phone		
(c) Prospective Fundraising	3,700,000	Jan. 28, 2011		
(d) New Market Tax Credits	2,300,000	Date		
<b>TOTAL BUDGET</b>	<b>10,000,000</b>	CURTIS MURAOKA, Co-Director		
		Name and Title (Please type or print)		

Applicant: N/A for applicant Exploration Foundation

Period: July 1, 2011 to June 30, 2012

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
n/a				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
				\$-
<b>TOTAL:</b>				\$-
<b>JUSTIFICATION &amp; COMMENTS: N/A</b>				

## BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

**Applicant:** Exploration Foundation

**Period:** July 1, 2011 to June 30, 2012

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
<b>NOT APPLICABLE.</b>			\$-	
			\$-	
			\$-	
			\$-	
			\$-	
<b>TOTAL:</b>				
<b>JUSTIFICATION &amp; COMMENTS:</b>				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
<b>NOT APPLICABLE.</b>			\$-	
			\$-	
			\$-	
			\$-	
			\$-	
<b>TOTAL:</b>				
<b>JUSTIFICATION &amp; COMMENTS:</b> Not requesting equipment or vehicles				

## BUDGET JUSTIFICATION CAPITAL PROJECT DETAILS

Applicant: West Hawaii Exploration Academy \_\_\_\_\_

Period: July 1, 2011 to June 30, 2012

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2009-2010	FY: 2010-2011	FY:2011-2012	FY:2011-2012	FY:2012-2013	FY:2013-2014
PLANS-Master Plans & Schematic Design	100000	100000				
LAND ACQUISITION-Lease from NELHA						
DESIGN-Construction Documents & Indirect Costs		500000	600000	200000		
CONSTRUCTION- on & off site improvements & buildings		600000	900000	500000	6000000	
EQUIPMENT-FF&E and set up/start up during summer 2013					500000	
<b>TOTAL:</b>	100,000	1,200,000	1,500,000	700,000	6,500,000	
<b>JUSTIFICATION / COMMENTS:</b>	<p style="text-align: center;">See attached Pre-design budget and 42f use of funds. Campus relocation timing is being driven by planned and pending expansion of the Kona International Airport.</p> <p style="text-align: center;">Project completion is imperative during the Summer intersession in 2013.</p>					

**DECLARATION STATEMENT  
APPLICANTS FOR GRANTS AND SUBSIDIES  
CHAPTER 42F, HAWAII REVISED STATUTES**

The undersigned authorized representative of the applicant acknowledges that said applicant meets and will comply with all of the following standards for the award of grants and subsidies pursuant to section 42F-103, Hawaii Revised Statutes:

- (1) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant or subsidy is awarded;
- (2) Comply with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
- (3) Agree not to use state funds for entertainment or lobbying activities; and
- (4) Allow the state agency to which funds for the grant or subsidy were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant or subsidy.

In addition, a grant or subsidy may be made to an organization only if the organization:

- (1) Is incorporated under the laws of the State; and
- (2) Has bylaws or policies that describe the manner in which the activities or services for which a grant or subsidy is awarded shall be conducted or provided.

Further, a grant or subsidy may be awarded to a non-profit organization only if the organization:

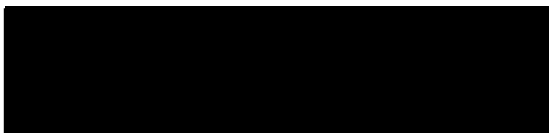
- (1) Has been determined and designated to be a non-profit organization by the Internal Revenue Service; and
- (2) Has a governing board whose members have no material conflict of interest and serve without compensation.

For a grant or subsidy used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant or subsidy was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant or subsidy used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

\_\_\_\_\_  
Exploration Foundation

(Typed Name of Individual or Organization)



\_\_\_\_\_  
Curtis Muraoka, Co-Director  
(Typed Name/Title)