

House District 8, 9, 10, 11, 12, 13

Senate District 5,6,7

**THE TWENTY-SEVENTH LEGISLATURE
APPLICATION FOR GRANTS AND SUBSIDIES
CHAPTER 42F, HAWAII REVISED STATUTES**

Log No:

For Legislature's Use Only

Type of Grant or Subsidy Request:

GRANT REQUEST – OPERATING

GRANT REQUEST – CAPITAL

SUBSIDY REQUEST

"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): LABOR, OFFICE OF COMMUNITY SERVICES

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

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:

Alaka'ina Foundation

Dbas: Maui Digital Bus

Street Address: 1305 Holopono Street, Suite 3
Kihei, HI 96753

Mailing Address: 1600 Kapiolani Blvd., Suite 530
Honolulu, HI 96814

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name PHIL KAHUE

Title Administrator

Phone # 808-447-8915

Fax # 808-447-8916

e-mail pkahue@keakitech.com

3. TYPE OF BUSINESS ENTITY:

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

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

PURCHASE OF TWO FULLY EQUIPPED DIGITAL BUSES TO PROVIDE HANDS-ON STEM PROGRAMS THAT DIRECTLY BENEFIT STUDENTS AND TEACHERS FROM PUBLIC, CHARTER AND PRIVATE SCHOOLS ON MAUI AND MOLOKAI

4. FEDERAL TAX ID #: _____

5. STATE TAX ID #: _____

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2015: \$ 250,000

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	\$	<u>0</u>
FEDERAL	\$	<u>0</u>
COUNTY	\$	<u>0</u>
PRIVATE/OTHER	\$	<u>0</u>

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:

MICHAEL WONG, PRESIDENT
NAME & TITLE

JANUARY 30, 2014
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;

The Alaka'ina Foundation is a 501 (c)(3) non-profit organization dedicated to the mission of building and promoting leadership and education initiatives for “na pua o Hawai'i,” or the youth of Hawai'i. Through innovative educational projects such as the Digital Bus that blend science, technology and environmental stewardship, the foundation serves as a conduit to ensure that young men and women have the skill sets and competencies to become effective leaders in our Native Hawaiian and rural communities. In addition to the Digital Bus Program, the foundation seeks to develop a new generation of leaders through the following:

- Professional Development opportunities for public and private school teachers so they can better develop engaging hands-on lessons that focus on **STEM** (Science, Technology, Engineering, and Mathematics) subjects; and
- Science Kit labs for schools that can't afford STEM equipment to assist teachers in creating hands-on lessons that challenge and inspire the inquisitive minds of Hawai'i's students.

The Alaka'ina Foundation's flagship program, the Digital Bus, was established in 2005 as a mobile laboratory equipped with the latest technology designed to stimulate interest in science and technology among students in public, charter, and private schools. Since its inception, the Digital Bus Program has been used extensively for hands-on STEM education to over 15,000 keiki in grades Kindergarten through 12th grade on both Maui and Moloka'i. Through the Digital Bus, students in rural areas have opportunities to develop skills in STEM-related fields by engaging in field-based projects at outdoor locations and at school sites. Projects range from watershed investigation and restoration to math instruction to ocean and stream monitoring.

The Digital Bus programs are free of charge to students and educators in public and charter schools, while students and teachers from private schools pay on a sliding-fee scale basis.

2. The goals and objectives related to the request;

The Digital Bus has been providing hands-on learning opportunities for the youth of Maui since 2004. With the help of grants from the Environmental Protection Agency (EPA), Office of Hawaiian Affairs, and the National Oceanic and Atmospheric Administration (NOAA), the Digital Bus has offered Maui's K-12 students with a unique opportunity to become actively involved in using science to study and improve the environments. Projects include:

- Ka'a `Imi `Ike – sustainable "green bus" featuring solar panels, telescoping wind-turbine, and biodiesel power.
- Ho`omaka Hou project – program to re-establish nearby school grounds of Hana High and Elementary School as a sustainable working environment for the community of Hana and to serve as a model of sustainability for all of Hawai'i. A total of 2,659 students benefitted from hands-on, field based activities using cutting-edge technology, as well as exposure to local community members whose families lived in the area for generations.
- Stewardship program that engages elementary school students by having them monitor seashore pollution and marine debris and measure its effect on animals such as sea turtles, shore birds, and Hawaiian monk seals.
- Field-based studies monitoring watershed systems using tools such as global positioning systems, geographic information systems, water testing equipment, and digital cameras.
- Stream monitoring projects for students from grades 4-12.

The Digital Bus also serves the island of Moloka'i. A total of 500 students on Moloka'i established the first Environmental Student Council in the State of Hawai'i. With the help of grants from Office of Hawaiian Affairs and the National Oceanic and Atmospheric Administration (NOAA), students and teachers have been able to participate in meaningful projects such as:

- Stream monitoring projects for students in grades 4-12.
- A professional development program for Moloka'i teachers that provides the training and technology tools needed to conduct environmental monitoring projects with their students.

Over the years, the Digital Bus programs have increased their reach by 73% on Maui, and by 45% on Moloka'i, with a combined programmatic increase of 69% over the 2011-2012 school year. The Alaka'ina Foundation seeks to purchase two fully equipped Digital Buses at a total cost of \$250,000 (\$125,000 per bus) to replace the aging buses on Maui and Moloka'i. The Maui bus is falling into disrepair and had to be towed several times over 2012-2013. There is a growing amount of corrosion in the roof panel, the rear roof panel is cracked, and both the brake lines and windshield panel are corroded. The Moloka'i bus is no longer in service and has been retired.

Technology plays an integral role in providing hands-on opportunities for all projects involving the Digital Bus. For this reason, the cost of the bus purchases also includes equipment replacement, since the equipment has become worn and corroded due to years of usage and exposure to the elements while in the field. The new equipment purchased would be more cutting-edge, user friendly, compact, better tooled for field work, and sometimes less expensive than what is currently being used.

3. The public purpose and need to be served;

In geographically remote locations, such as on Maui and Moloka'i, students from rural or low-income areas encounter an even stronger disadvantage in the accessibility of meaningful and engaging learning opportunities that will lead to the pursuit of STEM careers among its youth. Recent funding cuts in public education, however, threaten efforts to encourage Hawai'i's underserved youth to seek careers in STEM-related fields, which require advanced skills and training.

The Alaka'ina Foundation's Digital Bus program seeks to answer this challenge by promoting an interest in STEM among the underrepresented student populations on Maui and Moloka'i in grades K-12. Through its programs offered to students and teachers, the Digital Bus seeks to develop the next generation of scientists capable of developing and supporting critical technologies for the future. Through the Digital Bus program, K-12 students on Maui and Moloka'i will benefit from exposure to cutting edge technology and hands-on field based activities, as well as have access to equipment and resources currently unavailable at their schools. All programs offered through this state-of-the-art mobile platform meet the Department of Education Hawai'i Content and Performance Standards, and ensure long-term impact via educator professional development opportunities.

4. Describe the target population to be served; and

The Digital Buses would serve over 5,000 students each year in grades K-12 from public, charter, and private schools throughout Maui and Moloka'i, with particular emphasis to those from rural and underserved geographic areas. The buses would also provide professional STEM development opportunities for Maui and Moloka'i educators throughout the year.

5. Describe the geographic coverage.

The Digital Bus will serve students and educators throughout the islands of Maui and Moloka'i.

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. The applicant shall:

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

Alaka'ina Foundation Administrator Philip Kahue will oversee the purchase of the digital buses and installation of the science and technology equipment. Phil has served as the President of Ke'aki Technologies, LLC since September 2005. Headquartered in Honolulu, Hawai'i, Ke'aki Technologies is a Small Business Administration (SBA), Native Hawaiian Organization (NHO)-owned 8(a) Small Disadvantaged Business with over 380 employees nationwide. Phil will also oversee the Digital Bus Education Coordinator, who will have overall responsibilities for the programs conducted on-site and at public, charter, and private schools throughout Maui and Moloka'i.

2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;

If State GIA funds are approved, Alaka'ina Foundation plans to purchase the digital buses and fully install the science and technology equipment within 12 months from the release of funding. The buses would be fully operational and be immediately used for STEM programs within that month.

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

Phil Kahue will oversee the purchase of the Digital Buses, and work with the various vendors to ensure that the equipment is properly installed on time and within budget prior to being used by students and teachers. All programs offered through the Digital Bus will be evaluated both quantitatively and qualitatively to monitor progress and evaluate success as to whether or not each is achieving its stated objectives.

4. 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.

The Alaka'ina Foundation will report quarterly the number of students served through the Digital Bus, including such demographic information as name of school, grade level of

participants, geographic location, and program or project title. The foundation will also provide the State with quarterly information on the number of educators by island who participate in professional development opportunities through the Digital Bus.

III. Financial

Budget

1. **The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.**
2. **The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2015.**

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$250,000	\$0	\$0	\$0	\$250,000

3. **The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2015.**

Alaka'ina Foundation has already secured the necessary \$200,000 in funding necessary to operate the programs on both Maui and Moloka'i. These funds have been secured through a combination of federal funding, private philanthropic dollars, and in-kind donations, and include personnel costs, as well as the cost of other current expenses and equipment. This request to the State is for \$250,000 in GIA funds to purchase the two Digital Buses and equipment that will enable the foundation to operate these programs on Maui and Moloka'i.

4. **The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.**

This does not apply.

5. **The applicant shall provide the balance of its unrestricted current assets as of December 31, 2013.**

The balance of Alaka'ina Foundation's unrestricted current assets is \$212,653.56 as of December 31, 2013.

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.

Since its inception in 2005, the Alaka'ina Foundation's Digital Bus has provided over 15,000 keiki on the island of Maui and Moloka'i with unique hands-on STEM programs. The Digital Bus has served every public school on Moloka'i, and nearly every public school on Maui.

In addition, the foundation has successfully partnered with a full range of entities in the execution of its programs. By collaborating together and leveraging resources and talent, the Alaka'ina Foundation has been able to develop innovative programs that create real and lasting benefits for the students and teachers served. Corporate and community partners include:

- Community Work Day
- Department of Land and Natural Resources, Division of Aquatic Resources
- ESRI
- East Maui Watershed Partnership
- First Wind
- Haleakala Solar
- Hana Youth Center
- Hawaiian Islands Humpback Whale National Marine Sanctuary
- `Imi Na`auao
- Maui Coastal Land Trust
- Maui Community College
- Maui Cultural Lands
- Maui Economic Development Board
- Maui Economic Opportunity
- Maui Fishpond Association
- Maui Ocean Center
- Na Pua No`eau
- Pacific Biodiesel
- Project S.E.A. - Link
- The School for Examining Essential Questions of Sustainability (SEEQS)

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. The applicant shall also describe how the facilities meet ADA requirements, as applicable.

All projects and programs of the Digital Bus are conducted either at the field site, or at the schools. The Digital Bus for the Moloka'i program has been retired, and the Maui Digital Bus is in desperate need of replacement. There are no other similar programs available on either island. The Alaka'ina Foundation will ensure that both buses are ADA compliant, so that children with disabilities will have access to the same programs and hands-on activities as those without disabilities.

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.

The foundation, while small, is dedicated to maximizing infrastructure. As Administrator of the Alaka'ina Foundation, Phil Kahue will oversee the purchase of the Digital Buses and installation of equipment, and has overall responsibility for supervising the Senior Digital Bus Educational Outreach Specialist and Junior Digital Bus Educational Outreach Specialist.

As president of Ke'aki Technologies, Phil also oversees a small business with over 380 employees nationwide. Phil retired in 2005 as a Lieutenant Colonel in the U.S. Army, with a specialty in healthcare administration, having served in a myriad of staff and command positions in the Army. He is currently a volunteer board member with the Native Hawaiian Organization Association, a trade association of NHO 8(a) organizations, and the Hawai'i Procurement Institute, a think-tank for procurement strategies for small businesses in Hawai'i. He is also a member of the Council for Native Hawaiian Advancement, the Native Hawaiian Chamber of Commerce, the Chamber of Commerce of Hawai'i, the Kauai Chamber of Commerce, and the Kauai Economic Development Board.

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.

The Organizational Chart is attached.

C. Compensation

The applicant shall provide the annual salaries paid by the applicant to the three highest paid officers, directors, or employees of the organization by position.

All officers and directors of the Alaka'ina Foundation are volunteers and do not receive annual salaries nor any compensation. The two highest paid employees of the organization are as follows:

- Senior Digital Bus Educational Outreach Specialist - Fulltime salary of \$69,892.32.
- Junior Digital Bus Educational Outreach Specialist - Part-time (30 hours/week) salary of \$39,070.80.

VI. Other

A. Litigation

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

This does not apply.


B. Licensure or Accreditation

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

This does not apply.

BUDGET REQUEST BY SOURCE OF FUNDS
(Period: July 1, 2014 to June 30, 2015)

Applicant: Alaka'ina Foundation

BUDGET CATEGORIES	Total State Funds Requested (a)	(b)	(c)	(d)
A. PERSONNEL COST				
1. Salaries	\$0	\$0	\$0	\$0
2. Payroll Taxes & Assessments	\$0	\$0	\$0	\$0
3. Fringe Benefits	\$0	\$0	\$0	\$0
TOTAL PERSONNEL COST	\$0	\$0	\$0	\$0
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island	\$0	\$0	\$0	\$0
2. Insurance	\$0	\$0	\$0	\$0
3. Lease/Rental of Equipment	\$0	\$0	\$0	\$0
4. Lease/Rental of Space	\$0	\$0	\$0	\$0
5. Staff Training	\$0	\$0	\$0	\$0
6. Supplies	\$0	\$0	\$0	\$0
7. Telecommunication	\$0	\$0	\$0	\$0
8. Utilities	\$0	\$0	\$0	\$0
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	\$0	\$0	\$0	\$0
C. EQUIPMENT PURCHASES	\$0	\$0	\$0	\$0
D. MOTOR VEHICLE PURCHASES	\$0	\$0	\$0	\$0
E. CAPITAL	\$250,000	\$0	\$0	\$0
TOTAL (A+B+C+D+E)	\$250,000	\$0	\$0	\$0
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	\$250,000	Philip Kahue	808-447-8915	
(b)		Name (Please type or print)	Phone	
(c)			January 30, 2014	
(d)		Signature of Authorized Official	Date	
TOTAL BUDGET	\$250,000	Michael Wong, President		
		Name and Title (Please type or print)		

BUDGET JUSTIFICATION PERSONNEL - SALARIES AND WAGES

Applicant: Alaka'ina Foundation - Maui Digital Bus

Period: July 1, 2014 to June 30, 2015

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
NOT APPLICABLE				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Applicant: Alaka'ina Foundation - Maui Digital Bus

Period: July 1, 2014 to June 30, 2015

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
NOT APPLICABLE			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS:				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
NOT APPLICABLE			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION CAPITAL PROJECT DETAILS

Applicant: Alaka'ina Foundation

Period: July 1, 2014 to June 30, 2015

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2012-2013	FY: 2013-2014	FY:2014-2015	FY:2014-2015	FY:2015-2016	FY:2016-2017
PLANS	\$0	\$0	\$0	\$0	\$0	\$0
LAND ACQUISITION	\$0	\$0	\$0	\$0	\$0	\$0
DESIGN	\$0	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION	\$0	\$0	\$250,000	\$0	\$0	\$0
EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL:	\$0	\$0	\$250,000	\$0	\$0	\$0
<p>JUSTIFICATION/COMMENTS: Alaka'ina Foundation has already secured the necessary \$200,000 in funding necessary to operate the programs on both Maui and Moloka'i. These funds have been secured through a combination of federal funding, private philanthropic dollars, and in-kind donations, and include personnel costs, as well as the cost of other current expenses and equipment. A \$250,000 grant from State GIA funds would be used to purchase two Digital Buses, fully equipped with cutting-edge science and technology equipment. One bus would replace the Digital Bus on Maui, which is in disrepair and has broken down numerous times. The other would replace the Digital Bus on Molokai, which has been retired and is no longer in commission.</p>						

**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS AND SUBSIDIES PURSUANT TO
CHAPTER 42F, HAWAI'I REVISED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants and subsidies pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) 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;
 - b) Complies 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;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows 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.
- 2) The applicant meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) 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.
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.


Pursuant to Section 42F-103, Hawai'i Revised Statutes, for grants or subsidies 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.

Alaka'ina Foundation

(Typed Name of Individual or Organization)


Signature


(Date)

Michael Wong
(Typed Name)

President
(Title)

Alaka`ina Foundation Org Chart

