

House Districts 31 & 32

Senate District 14

THE TWENTY-NINTH LEGISLATURE
APPLICATION FOR GRANTS
CHAPTER 42F, HAWAII REVISED STATUTES

Log No:

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST - OPERATING

GRANT REQUEST - CAPITAL

"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.

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

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN):

DLNR

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

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:

Db: Moanalua Gardens Foundation, Inc.

Street Address: 1352 Pineapple Place

Mailing Address: 1352 Pineapple Place
Honolulu, Hawaii 96819

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name PAULINE WORSHAM

Title Managing Director

Phone # 808.497-4084

Fax # 808.263-5544 or 808.839-3658

E-mail pauline@pmwconsult.com

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
- FOR PROFIT CORPORATION INCORPORATED IN HAWAII
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL
- OTHER

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

HUAKA'I O KAMANANUI STEWARDSHIP PROJECT. THE PURPOSE OF THIS PROJECT IS TO PROVIDE FUNDING FOR MOANALUA GARDENS FOUNDATION'S HUAKA'I O KAMANANUI STEWARDSHIP PROJECT TO: 1) PROTECT AND PRESERVE KAMANANUI (MOANALUA) VALLEY, 2) INCREASE STUDENT PARTICIPATION IN ITS ENVIRONMENTAL EDUCATION PROGRAM, 3) COMPLETE IMPROVEMENTS TO KAMANANUI VALLEY ROAD, AND 4) PROVIDE A MASTER PLAN FOR THE VALLEY, THE LAST REMAINING UNDEVELOPED AHUPA'A IN URBAN HONOLULU.

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2016: \$ 150,592.00

4. FEDERAL TAX ID # _____

5. STATE TAX ID # _____

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 \$ 56,160.00

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:

[Redacted Signature]

AUTHORIZED SIGNATURE

ALEXANDER ALIKA D. JAMILE, EXEC. DIRECTOR & PRESIDENT

NAME & TITLE

JANUARY 20, 2017

DATE SIGNED





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Email: moanalua001@hawaii.rr.com

Committed to preserving and perpetuating the native culture, environment and people of Hawai'i through education

January 20, 2017

Senator Jill Tokuda
Chair, Senate Ways and Means Committee
State Capitol, Room 207
Honolulu, Hawaii 96813
Attn: GIA

Re: Moanalua Gardens Foundation (MGF) Grant-In-Aid - \$150,592.00

Dear Chair Tokuda,

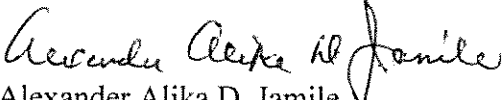
Moanalua Gardens Foundation (MGF) is pleased to submit the enclosed proposal to the Twenty-Eighth Legislature, Hawaii State Legislature, for a Grant-In-Aid.

MGF is requesting funding in the amount of \$150,592.00 for FY2018. These funds will be used to support our operations so that we can complete much needed improvements to Kamananui (Moanalua) Valley, the last undeveloped valley in urban Honolulu.

For 47 years, MGF has been committed to preserving and perpetuating the native culture, environment and people of Hawai'i through education, celebration and care for Kamananui Valley and Moanalua Gardens. This project will provide critical place-based environmental education programs for our keiki, improve Kamananui Valley Road and provide for an urgently needed Master Plan for this wahi pana.

We respectfully request your support of our request. Thank you for the opportunity to submit this application. If you have any questions, please contact Pauline Worsham, Managing Director, at (808) 497-4084 or via email at pauline@pmwconsult.com.

With warm aloha,


Alexander Alike D. Jamile
Executive Director and President, Board of Directors

Enclosure: MGF Grant-In-Aid, Budget Forms and Attachments

cc: Senate President Ronald Kouchi
Senator Donna Mercado Kim
Senator Glenn Wakai
Senator Donovan Dela Cruz
Senator Brickwood Galuteria
Senator Michelle Kidani

**Application for Grants
Huaka'i o Kamananui Stewardship Project**

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

I. Background and Summary

Moanalua Gardens Foundation (MGF)

Founded in 1970, Moanalua Gardens Foundation (MGF) has served as a vital link in preserving and protecting the environmental and cultural resources of Hawai'i. A non-profit 501(c) (3) organization, its mission is:

"To preserve and perpetuate the native culture, environment and people of Hawai'i through education and stewardship of Kamananui Valley and celebration of the Prince Lot Hula Festival at Moanalua Gardens."

For the past 47 years, MGF has pioneered programs which help people understand and appreciate the unique environmental and cultural resources of our islands. This knowledge is essential to developing informed stewards who will protect and preserve our fragile and vulnerable 'āina.

This legacy of preservation began in the early 1900's with Samuel Mills Damon who set aside Kamananui (Moanalua) Valley and Moanalua Gardens for use by the general public and earmarked a portion of the net income of his estate to maintain and protect this historic property. When these lands were threatened by the encroachment of the H-3 freeway, two granddaughters of Samuel Damon founded MGF to safeguard the Valley from the construction of the freeway effectively preserving in perpetuity over 3,700 acres of land for the recreation and enjoyment of the people of Hawai'i.

Although MGF is one of the primary caretakers of the ahupua'a of Moanalua, MGF is not financially supported by, nor an entity of the beneficiaries of the Estate of Samuel Mills Damon. MGF is self-supporting.

In 1978, MGF introduced its first school-based program which grew into the award-winning *Partners in Education* program. MGF's *'Ōhi'a Project Curriculum*, developed through a grant from the MacArthur Foundation, was widely used in Hawai'i's elementary schools. *Partners in Education* became the model for other environmental education programs now being used by newer environmental education organizations in Hawaii. In 2012, MGF introduced *Huaka'i o Kamananui, Aloha 'Āina Moanalua*, the first place-based environmental education program for Kamananui Valley. Since its inception, over 1,500 4th grade keiki have completed the program and participated in stewardship projects in the "living classroom" of Kamananui.

Also in 1978, MGF launched the Prince Lot Hula Festival, which has grown to become the state's oldest and largest non-competitive hula event. Named after Prince Lot Kapuāiwa who once staged hula events in Moanalua, the festival honors his legacy and instills in both visitors and residents an appreciation for Hawaii's unique host culture, traditions and history. Now in its 40th year, tens of thousands of children, families and visitors have enjoyed this spectacular cultural event. Over the last 10 years, it is estimated that attendance has exceeded 100,000 persons.



Picture of Kamananui Valley by Moanalua Gardens Foundation

Historical Significance

Kamananui Valley has great historical significance dating back to the 1600's during the reign of Oahu's King Kakuhihewa who established the ahupua`a of Moanalua as a center of hula and chanting. In 1795, Kamehameha is said to have rested by `Iemi spring after the battles of Nu`uanu and Kahauiki.

Traditions of Moanalua relate that Kamehameha was resting by `Iemi when he heard the chants of Moanalua and news of the birth of a child descended from beloved King Kākuhihewa at an area of the valley known as Kahaukomo. Kamehameha went to Kahaukomo and laid his battlesword next to the child, naming him "Kapahikauaokamehameha" (the battlesword of Kamehameha). The act bestowed honor on the child and his family. This child was the great grandfather or great granduncle of Nāmakahelu, the last chantress of Moanalua.

The entire ahupua`a of Moanalua – two valleys, from the Ko`olau peaks to the sea—were Kamehameha lands that passed through Bernice Pauahi Bishop in 1884 to her friend, Samuel Mills Damon, the business partner of her husband, Charles Reed Bishop. The property was the one-time home of Prince Lot Kapuāiwa, who reigned as King Kamehameha V from 1863 to 1872.

Damon set aside the makai lands, now known as Moanalua Gardens, one of Hawaii's earliest public parks, "for public use and enjoyment." These lush gardens have been open to the public for over a century. However, the public had only limited access to Kamananui (Moanalua) Valley for "appropriate recreational and educational purposes." Moanalua Gardens is spread over 23 acres and has "general preservation" zoning.

Kamananui Valley spans 3,700 acres, is classified as “restricted preservation property,” and is the location of important cultural artifacts.

Kamananui Valley is also a sanctuary for several endangered and rare forest bird species, including the Elepaio, and was the site of the last observations of the Oahu creeper ‘I‘iwi. In addition, at least 11 endangered plant species, 3 rare plant species and 2 endangered Oahu tree snail species are found in the area. The last known sighting of the threatened Hawaiian hoary bat was also in this valley.

Its location immediately adjacent to Tripler Army Medical Center serves as a defense buffer zone preventing encroachment by urban development.

When the Estate of Samuel Mills Damon was dissolved in 2006, Kamananui Valley was sold to the State of Hawai‘i and Moanalua Gardens was sold to Samuel Mills Damon’s great grandson, John Philip (JP) Damon.

Project Goals:

The purpose of this grant is to provide funding for MGF so that we can complete Kamananui (Moanalua) Valley road improvements, teach fourth-graders math, science and responsible environmental stewardship and develop a much needed Master Plan for the valley.

Since 2009, MGF has been partnering with the Department of Land and Natural Resources (DLNR) Division of Forestry and Wildlife (DOFAW) to protect and preserve the fragile natural resources of Kamananui (Moanalua) Valley, and in 2012, an MOU was executed designating MGF as the lead stewardship partner. (MOU attached.)

Together, DLNR/DOFAW and MGF identified seven key priorities for Kamananui (Moanalua) Valley. Through funding secured by MGF, we are pleased to report that two of those priorities have been completed. A third is in progress and completion anticipated in 2017 - 2018.

Project goals include the following:

1. To protect and preserve the natural resources and native species found in Kamananui (Moanalua) Valley
2. To continue MGF’s educational and cultural programs in Kamananui (Moanalua) Valley
3. To provide a Master Plan for the effective resource management of Kamananui (Moanalua) Valley

Project Objectives:

- To complete road improvements to Kamananui Valley Road, the valley’s main access route providing safe access for students and valley users

- To train educators to teach MGF's *Huaka`i o Kamananui, Aloha 'Āina Moanalua* curriculum and to conduct field excursions and service projects in Kamananui Valley
- To develop a Master Plan for Kamananui (Moanalua) Valley to protect, preserve and perpetuate for future generations the valley's historic and cultural sites, endangered species and vulnerable eco-systems

Public Purpose and Community Need

Development on Oahu is shrinking our land reserves threatening our remaining natural resources and our island's environment. This devastating impact is documented in the 2013 Annual Report of the State Environmental Council which states that "Hawaii's inland and coastal waters, wetlands and forests have all suffered from the effects of human activities, including development and urbanization."

Furthermore, the report shows that for 2005, the most recent year with data for all indicators, per capita personal consumption was adjusted **downward** by \$6,199 for the **environmental** component.

Most shocking is the report's assessment of our forests which says, "Prior to western contact, Hawaii's forested area covered 95% of the land; today only 35% of the islands are currently forested."

The report further states, "Hawaii's forests are vital to the islands' cultural heritage, freshwater supply, economy, carbon footprint and biodiversity. It protects key areas that recharge streams and aquifers, which are the sole providers of freshwater to the islands."

A recent study by the University of Hawaii estimated the value of the Koolau Mountains at 11 billion dollars which includes their eco-tourism and aesthetic value. Clearly, there is an urgent need to protect and preserve our remaining forests which are critical to our culture, livelihoods, tourism and economy.

Kamananui (Moanalua) Valley, the last undeveloped valley in urban Honolulu, has not been immune from these damaging impacts. Recent studies show that runoff has caused severe erosion and invasive species have overrun native species.

To prevent further negative impacts on Kamananui (Moanalua) Valley, MGF and DOFAW have identified three critical areas:

1. Completion of improvements to Kamananui Valley Road
2. Expansion of MGF's *Huaka`i o Kamananui, Aloha 'Āina* curriculum, and
3. Development of a Master Plan for Kamananui (Moanalua) Valley

Once closed to the public for more than a century, the opening of Kamananui (Moanalua) Valley and its two major trails have turned it into a popular recreational destination for both local residents and visitors. Currently it is estimated that an average of 250 visitors per month or approximately 3,000 per year see and experience Kamananui Valley. Similarly the average number of residents visiting Kamananui Valley is estimated to be

600 per month for a total resident usage of 7,200 per year, a combined total of 10,200 persons annually.

This dramatic increase in usage has impacted Kamananui Valley's infrastructure causing further erosion of Kamananui Valley Road and accelerated the need for a Master Plan to guide future improvements and use of this sacred ahupua'a.

With DOFAW's opening of the valley to the public, there has been increasing usage by local residents and visitors to our islands. While DOFAW and MGF support public access and enjoyment of this resource, a management plan needs to be established now, before increased use creates problems, deteriorates conditions, and harms natural and cultural resources. Activities in the valley need to be managed to eliminate potential conflicts between increasing public use (trails) and educational programs and stewardship activities conducted by MGF.

As stewards of this valley for 47 years, MGF has the educational and interpretive expertise along with the proven track record and commitment to continue managing and protecting this valley under the MOU. MGF is committed to continue assisting DOFAW with implementing improvements and coordinating management of this valley, given that agency's limited funding and personnel. In order to implement the master plan, land use approval (Conservation District Use Permit) and environmental documentation (Chapter 343, HRS) is required. Therefore, MGF is committed to complete these approvals in partnership with DOFAW so that the vision, concepts, and management plan from the master plan can be fulfilled.

An integral part of our plan is education for our keiki and visitors to our islands. Additional resources are required in order to meet the demand for our *Huaka'i o Kamananui, Aloha 'Āina Moanalua Program* from our public schools for field excursions and service projects in Kamananui (Moanalua) Valley. Similarly, our visitors are seeking more activities that will connect them to our 'āina, culture and people.

Our community not only needs, but is demanding, more amenities in our public recreational areas, some of which have deteriorated due to overuse, neglect, and/or lack of resources. They, like our visitors, want to learn more about Hawai'i's unique natural resources and be assured that they are protected, respected and perpetuated. This project will not only engage our community, but will increase collaboration among community stakeholders, government agencies and our Armed Forces. Lastly, it will also fill a critical need in our community for cultural place-based environmental education, nature-based activities, and stewardship programs to preserve Hawaii's forests and watersheds.

Moanalua Gardens Foundation (MGF)

MGF is proud to report that we have completed the following deliverables for Kamananui (Moanalua) Valley:

1. Designed, produced and installed a new series of educational interpretive signs posted at key historic and cultural sites in the valley

2. Constructed and installed a new and secure entry gate for the valley
3. Mitigated some of the erosion on Kamananui Valley Road
4. Begun Phase II of improvements to Kamananui Valley Road, and
5. Trained 116 teachers and brought 1,500 fourth-graders into Kamananui Valley as part of *Huaka`i o Kamananui, Aloha `Āina Moanalua`*s educational program

These activities are all part of our long-range plan for responsible and sustainable resource management of the valley, however, our plan will not be complete without addressing some of the more urgent challenges still remaining.

Last year, MGF made significant progress in our education and stewardship programs. This would not have been possible without assistance from various funders for support. However, much more needs to be done to ensure that Kamananui Valley is protected and preserved and our keiki receive the training they need to become productive citizens and stewards of our `āina.

One of MGF's highest priorities is to improve our capacity to continue our mission and programs. We strongly believe that support from the Hawai'i State Legislature will assist us to leverage funding from other organizations. This critical support will enable us to sustain our organization, while we continue to educate our keiki and protect, preserve and perpetuate for future generations the last remaining undeveloped valley in Honolulu's urban core.

Target Population

The target population to be served by this project are Hawai'i residents, students, visitors, and the military. With the curriculum being taught by Moanalua Gardens Foundation, Kamananui (Moanalua) Valley has become a "living classroom" for students and teachers in our public and private schools as well as for community and environmental education groups. Furthermore, Kamananui is an ideal setting for Native Hawaiian students in Hawaiian-focused charter and immersion schools who learn better and retain more from place-based experiential programs.

A secondary key target group is our visitors. Research shows that tourists who travel to Hawai'i are looking for experiences that connect them with our people, places and culture. With its rich history, important cultural sites, and proximity to Waikīkī, O'ahu's tourism hub, Kamananui will become a popular destination for appropriate edu-, volun- and eco-tourism experiences.

Geographic Coverage

This project will include the entire state of Hawai'i, visitors to our islands, and our military. While our programs are centered in Kamananui (Moanalua) Valley, we are attracting residents statewide and tourists from around-the-world.

II. Service Summary and Outcomes

Scope of Work, Tasks and Responsibilities

LOCATION

Kamananui Valley is located in the Moanalua district of O'ahu. Part of the Honolulu Watershed Forest Reserve, **Kamananui Valley Road and Kulana'ahane Trails** are owned by the State of Hawai'i and under the jurisdiction of the DLNR's Division of Forestry and Wildlife (DOFAW).

SCOPE OF WORK AND PROJECT DESCRIPTION

For over a hundred years, Kamananui Valley was under private ownership with limited public access. When the valley was sold to the State of Hawai'i and transferred to DOFAW in 2008, the valley was opened to the public for educational and recreational purposes. Since that time, MGF and DOFAW have seen a significant increase in the usage of the valley and its two major trails by local residents and visitors to our islands.

To deal with these impacts, MGF and DOFAW have formed a partnership to develop a resource management program to improve the valley, safeguard its natural resources and cultural assets, and enhance economic opportunities in a sustainable and balanced way.

The major components of our resource management program include the following priorities for Kamananui Valley as identified by MGF and DOFAW:

1. Design, production and installation of interpretive signage at key sites - Completed
2. Construction and installation of a new, more secure entry gate - Completed
3. Leveling, grading and re-surfacing of Kamananui Valley Road, the valley's main access route
4. Hau brush removal and weed abatement
5. Replanting native trees and grasses
6. Construction of rest/picnic areas and shelters, and
7. Development of a Master Plan

As the primary caretaker of the valley, officially recognized through an MOU with DLNR, MGF is leading this effort. MGF has been successful in obtaining funding to accomplish the first 3 priorities. We have:

1. Designed, produced and installed 11 interpretive signs at key historic and cultural sites in Kamananui Valley. This signage has vastly improved visitors' knowledge of the history, ecology and cultural significance of this sacred ahupua'a.
2. Constructed and installed a new and sturdier security gate deterring unwanted access to the valley and helping to mitigate negative impacts on its environment.
3. Provided gravel and equipment to fill deep ruts and uneven areas of Kamananui

Valley Access Road, the main route into the valley. Although a temporary solution while MGF secures additional funding for more permanent improvements, this has slowed the continuing deterioration of the road.

Priority #5, Replanting of native trees, is being addressed as a service project of our *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum program

Priority #3, Leveling, grading and re-surfacing Kamananui Valley Road, is in progress and completion expected in 2018. Funding for Priority #7, Development of a Master Plan for Kamananui (Moanalua) Valley, has been requested. This grant will provide support to MGF so that we can complete the Master Plan for Kamananui Valley as well as train more teachers and students.

As the overseer of these projects, MGF is seeking assistance from the Legislature so that it can carry out its responsibilities as the project contractor. When completed, these projects will benefit our keiki, families and visitors while at the same time protect and preserve the only undeveloped valley in urban Honolulu. It will also provide an opportunity for MGF to generate income to support its educational program and operations.

To meet the demand from Hawaii Department of Education (DOE) teachers for place and project-based education, MGF will continue to provide Teachers' Workshops to reach more teachers and train them to use MGF's new place-based *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum which helps students learn better and retain more than traditional methods of teaching. As an added benefit to teachers, MGF will seek approval from the DOE to offer continuing education credits to those who complete our workshops.

The curriculum is also aligned with DLNR's goal to connect with keiki through educational programs and is an essential part of our resource management program for Kamananui (Moanalua) Valley.

Huaka`i o Kamananui, Aloha `Āina Moanalua

Developed through a grant from the Office of Hawaiian Affairs (OHA), MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua* curriculum is now in use in some elementary schools in the Moanalua ahupua`a as well as in the Kailua and Kāne`ohe ahupua`a. However, much more needs to be done to reach more teachers and schools, especially schools in underserved areas.

While OHA grant funds supported the development of this state-of-the-art fourth-grade curriculum, they were not sufficient to cover the cost of Teachers' Workshops beyond the

initial introductory workshop conducted on September 29, 2012.

While additional workshops will be held this year, the overwhelming demand by teachers for the curriculum has not yet been met. Research shows there is a critical lack of culturally-focused content for teachers and students even though it is proven to help students better comprehend the lesson plan through practical application of their knowledge. This project will not only meet the need for place and culture-based content, but it will also train more teachers in our public and charter schools to use the curriculum.

Major Tasks and Responsibilities

Teachers' Workshops

MGF will hold 3 Teachers' Workshops during the school year. They will be held during intercession periods for fourth-grade elementary school teachers in:

1. October during Fall break
2. January
3. March, and
4. A follow-up session in early June

Each workshop will be an all-day session with the follow-up a half-day session. The afternoon portion of the workshop will include the service project in Kamananui Valley. We anticipate 15 to 20 teachers per session for a total of 45 to 50 teachers per year. In order to encourage teachers to attend, MGF will provide a copy of "Sites of O'ahu" to each teacher upon completion of the curriculum's first service project or follow-up session. Teachers will be recruited through an intensive outreach campaign which will consist of e-flyers, communications with DOE district offices and principals, including Native Hawaiian charter schools, press releases and personal communications with interested teachers.

We will also institute "train the trainer" workshops to train selected teachers to conduct workshops. The workshop will be an intensive 8-hour session designed to immerse teachers in the curriculum, giving them the tools, materials, and capability to conduct the program in their schools.

Workshop Content

Each workshop will include the following content:

- Registration
- Welcome and Introductions
- Project Overview

- Review of *Huaka`i o Kamananui, Aloha `Āina Moanalua* unit
- Review and Demonstration of Materials
- Lunch
- Preparation for Field Excursion
- Overview of Field Trip Experience
- DVD Wind Chant of Moanalua
- Kamananui Valley Field Trip Overview
- Field Excursion - Kamananui Valley
- Workshop Evaluation and Summary

Project Timetable

TIMELINE:

The following is the annual timeline and tasks required to accomplish the project outcomes.

- **Month One**
 - ✓ Convene project team and prepare project action plan
 - ✓ Continue on-going meetings with engineering firm to monitor Phase II of Kamananui Valley Road Improvements
 - ✓ Continue coordination with DLNR to implement road repair contract
- **Months Two to Three**
 - ✓ Execute contracts for Teachers' Workshop Instructor, Program Coordinator, and nature-based excursion consultant
 - ✓ Develop meeting schedule and timeline
 - ✓ Meet with project team to develop deliverables and completion dates
 - ✓ Designate assignments
 - ✓ Conduct first "Train the Trainers" Workshop
 - ✓ Continue coordination of service project requests from participating schools
- **Months Four to Seven**
 - ✓ Continue ongoing meetings with project team, engineering firm and DLNR
 - ✓ Continue to monitor progress on Phase I of Kamananui Valley Road Improvements
 - ✓ Conduct second "Train the Trainers" Workshop
 - ✓ Continue ongoing coordination of service project
 - ✓ Assess project progress, timeline and deliverables
- **Months Eight to Ten**
 - ✓ Continue ongoing meetings with project team, engineering firm and DLNR
 - ✓ Continue to monitor progress on Phase I of Kamananui Valley Road
 - ✓ Conduct third "Train the Trainers" Workshop
 - ✓ Continue ongoing coordination of service projects
 - ✓ Continue nature-based excursion tasks
 - ✓ Monitor assignments, responsibilities and completion schedule
 - ✓ Make adjustments as necessary

- **Months Eleven and Twelve**

- ✓ Continue ongoing meetings with project team, engineering firm and DLNR
- ✓ Continue to monitor progress on Phase I of Kamananui Valley Road
- ✓ Conduct follow-up session with participating teachers
- ✓ Continue ongoing coordination of service projects
- ✓ Finalize nature-based excursion plan
- ✓ Review project deliverables and finish any uncompleted tasks
- ✓ Publicize project accomplishments
- ✓ Evaluate project

Benefits and Outcomes

This project will serve as a catalyst for protecting and preserving Kamananui (Moanalua) Valley's forests and watersheds and educating thousands of our keiki, the Native Hawaiian community, residents and visitors about their responsibility to become more involved in caring for our limited and endangered natural resources. Better informed and motivated individuals will in turn encourage and support responsible resource management practices, helping to preserve Kamananui's forests, watersheds, native species and natural resources for future generations.

Furthermore this project will extend the reach of MGF's *Huaka'i o Kamananui, Aloha Aina Moanalua* place-based environmental education program in Kamananui Valley enabling elementary students to learn key core concepts, including math and science, in a non-traditional way. The curriculum is aligned with Hawaii DOE Common Core Standards and the Nā Honua Maui Ola Hawaiian Guidelines.

This project will also foster collaboration among key stakeholders, including the military and educational, environmental, community, state, county, visitor industry and other organizations in Hawai'i.

Perhaps most importantly, this project will benefit our economy, our community and our environment – a triple bottom line return.

Expected Outcomes

This project will generate the following outcomes:

1. Increase economic opportunities.

This project will broaden economic opportunities for our youth and adults.

- a. By expanding the pool of teachers who can teach MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum, the number of keiki reached by this program will greatly increase. As these youngsters learn responsible stewardship practices, they will become the future stewards of our lands. Instilling the concept of "mālama 'āina" in future generations of environmental stewards will reap significant economic benefits not only for Kamananui, but for Hawai'i's 'āina and environment now and into the future

2. Preservation of cultural and historical resources

This project will protect, preserve and maintain Kamananui's important historic and cultural sites and resources by:

- a. Building public and community awareness about the unique history of this sacred valley and its significance in our Native Hawaiian culture
- b. Sharing the mo'olelo of this ancient wahi pana, where Kamehameha the Great rested his warriors after the battle of Nuuanau

3. Responsible management of environmental resources

Protection and preservation of Kamananui's fragile eco-systems and native habitats will continue to be a key part of MGF's stewardship programs in the valley. This project will provide stewardship projects which will:

- a. Re-introduce native trees to the valley, remove invasive species and restore native species
- b. Foster responsible stewardship practices in students participating in MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* program
- c. Increase awareness of the importance of "mālama 'āina" to prevent negative impacts to Kamananui's eco-systems and natural resources
- d. Instill responsible and sustainable stewardship practices in visitors participating in MGF's *Huaka'i o Kamananui* eco-tour program

Quality Assurance and Evaluation Plans

Plan for quality assurance and evaluation of the proposed project

MGF's Executive Director and Kamananui Stewardship Project Director will ensure that appropriate qualitative and quantitative measures are used to monitor, evaluate and improve this project. Quality assurance standards will be built into delivery of teachers' workshops, website design and development, and other work involved in the implementation of this project. This will ensure that quality materials are used and the work performed by experienced professionals.

The Executive Director is responsible for overall agency operations and management of grants and contracts. He also serves as President of MGF's Board of Directors, a nine-member board made up of members of the community. He is accountable to the board and responsible entities for achieving project objectives.

Monitor

Under the direction of the Executive Director, the Kamananui Stewardship Project Director (Project Director) will have primary oversight over the implementation of this project. The Project Director will meet with the Executive Director on a regular basis to monitor progress and document completion of objectives. A project status report will be submitted to the Executive Director for review on a regular basis.

The Project Director will report to the Executive Director and will be responsible for coordinating project activities with the Department of Education (DOE), Hawai'i State Teachers Association (HSTA), Native Hawaiian Charter Schools, the Department of Land and Natural Resources (DLNR), and other organizations and agencies. The Project Director will also communicate with community and government agencies on a regular basis. This will ensure that project activities are well coordinated to avoid duplication of efforts.

Evaluate

Evaluation data will be collected from project activities. It will consist of both process information and outcome information. For both, the emphasis will be on data that is objective and quantifiable. Status reports submitted to the Executive Director will also be used to evaluate progress and identify concerns. The Project Director and Executive Director will address unforeseen issues and make needed adjustments.

Improve

Data obtained from evaluation and teachers surveys will be analyzed, and summarized in a written report. Information will be used by MGF to improve services and activities. The data will also be used to guide the development of future programs, services and activities.

MEASURES OF EFFECTIVENESS

The success of MGF's *Huaka`i o Kamananui Stewardship Project* will be measured by collecting both qualitative and quantitative data to evaluate the project, including the following:

Quantitative

1. Status reports from engineering firm showing activities accomplished for Phase I of Kamananui Valley Road Improvements
2. Teacher surveys assessing the content, quality and cultural context of MGF's *Huaka`i o Kamananui, Aloha `Aina Moanalua* curriculum
3. Evaluations from project team, i.e., project director, workshop instructor, program specialist, etc.
4. Completion of designated number of teachers' workshops and service projects
5. Completion of all activities as listed in the project timeline

Qualitative

1. Improving Kamananui Valley's infrastructure and providing safe access for valley users
2. Creation of meaningful and productive partnerships with OHA, DLNR/DOFAW, DOE, HSTA, Native Hawaiian Charter Schools, the Native Hawaiian community, and community, environmental, governmental organizations and other partners

3. Preserving the cultural and natural resources of Kamananui through educational programs that increase awareness of the cultural, historic, and natural resources of the valley
4. Promoting stewardship of the cultural and natural resources of Kamananui through service projects and sustainable resource management
5. Protecting and preserving native species through outplanting of native trees

III. Financial

Need for Financial Assistance

While MGF has been successful in obtaining funding for our environmental education and cultural programs, the grants have not included funding for general support. In order for us to complete the improvements to Kamananui Valley, operating funds from the Legislature are urgently needed. Without this assistance, MGF would not be able to finish the critical road repairs and Master Plan for the valley. As Hawai'i experiences more negative impacts to its environment, our programs have become even more crucial. This grant will assist us in providing the funds needed to support MGF so that we can provide safe access for our families, students and visitors and a plan to protect and preserve in perpetuity the last undeveloped valley in urban Honolulu.

In order for MGF to meet its funding goal of \$249,983.00 for this project and fulfill our contract obligations, it is essential that we receive a Grant-in-Aid from the Hawaii State Legislature. Over the years, MGF has served as a key resource to the Hawai'i Department of Education (DOE) providing the award-winning *Partners in Education Program* to an estimated 80,000 public school students in grades 4-7 at no cost to the DOE or to the State. MGF estimates we raised over \$5.5 million dollars in private funds for the program which the DOE and State did not have to expend.

Additionally, each year MGF stages the spectacular Prince Lot Hula Festival for which we raise a significant amount of private funds. These programs benefit the children, families and people of Hawai'i and help to attract more visitors to our beautiful islands.

MGF cannot continue to absorb program and operational costs not covered by external funding sources and has taken a proactive approach to raise needed funds. Agencies who benefit from MGF's educational and cultural programs will be asked to allocate some of their resources to support these essential programs.

Over the 47 years it has been in existence, MGF has utilized Kamananui (Moanalua) Valley as a venue for its educational programs and field experiences. In order to protect these precious lands in perpetuity, MGF has been diligently working with members of the Legislature, DLNR, and other entities to ensure these lands will be preserved for all of the people of Hawai'i.

This Grant-in-Aid will enable MGF, in partnership with the DOE, DLNR, and other agencies to improve, manage and maintain these legacy lands for Hawai'i's people and

for needed educational, cultural, and nature-based programs. We respectfully ask that you give this proposal your serious consideration.

Budget

Budget Narrative

Of the total project budget of \$249,983.00, MGF is requesting a grant-in-aid of \$150,592.00 to support MGF operations, to conduct the designated number of teachers' workshops, and maintain our website so that we can continue to make high priority improvements to Kamananui (Moanalua) Valley and provide critical place-based environmental education programs for our youth. The remaining \$99,391.00 will come from MGF's grant income, contributions, and in-kind assistance.

Personnel Cost	45,652
Salaries	34,020
Payroll Taxes & Assessments	4,511
Fringe Benefits	7,121

The personnel cost shown above is to support a part-time office manager and the Executive Director and President. In order to be more cost efficient, MGF retains other necessary staff on a contractual basis. This is reflected in Other Current Expenses below.

Other Current Expenses	104,940
Insurance	7,000
Office Equipment Rental	2,700
Space Rental – Teachers Workshops	1,000
Supplies – Teachers Workshops, Office	2,000
Telecommunication/Internet	5,500
Utilities	1,200
Website Maintenance	3,500
Postage, Freight & Delivery	1,200
Program Activities – Teachers Workshops & Stipends	8,000
Publication & Printing – HOK Curriculum for teachers	4,000
Office Equipment Repair & Maintenance	700
Nature-based Excursion Coordinator	6,000
Contractual Services – Proj. Administration & Mngt.	50,340
Food/Refreshments for Teachers Workshops	1,800
Audit & Accounting	10,000

These expenses cover the costs associated with the administration and execution of the project, such as personnel, employee benefits, telephone/fax/internet services, electricity, trash removal, rental of copying machine, venue rental for teachers workshops, workshop and office supplies, website maintenance; postage, freight and delivery; field excursions/program activities; printing, collating and assembly of Huaka'i o Kamananui curriculum for teachers; equipment repair and maintenance, contractual services for

project management/director, instructors, program coordinator, and food and refreshments for teachers workshops.

The following budget forms are attached:

1. Budget Request By Source Of Funds
2. Budget Justification – Personnel Salaries and Wages
3. Listing of other sources of funding for FY 2017
4. MGF has not applied for and has no plans to apply for state/federal tax credits
5. The balance of MGF’s unrestricted current assets as of December 31, 2016 is \$122,135.00
6. Government Contracts And/Or Grants Form
7. All other forms are not applicable to this project

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
37,648	37,648	37,648	37,648	150,592

IV. Experience and Capability

A. Necessary Skills and Experience

A non-profit organization founded in 1970, MGF is governed by a nine-member Board of Directors. The Executive Committee of the Board includes the officers of the board who set policy and oversee MGF’s programs. The Executive Committee also ensures that the organization’s By Laws are adhered to by the board and its staff.

MGF’s purpose

An open membership organization, MGF exists “For the discovery and preservation of the culture, history and natural history of the Hawaiian islands, particularly as it pertains to the conservation of the ahupua’a of Moanalua and to provide educational and recreational facilities appropriate thereto for the enrichment and enjoyment of the people.”

MGF has approximately 1,000 members, drawing a large portion of its membership from the surrounding community of 24,000 residents who are dedicated to maintaining and preserving Kamananui (Moanalua) Valley and Moanalua Gardens. Many of these residents remember playing, fishing, and exploring the gardens and the valley and have continued this special connection to Moanalua and MGF. Members also help strengthen our capacity by providing specialized services, serving as community advocates and by volunteering for MGF events.

For the past 47 years, MGF has pioneered programs which educate people to value the unique environmental and cultural resources of Kamananui (Moanalua) Valley and our islands, some of which are found nowhere else in the world. MGF believes that

education and conservation go hand-in-hand to ensure that our threatened species and fragile 'aina are preserved and protected for future generations.

Prior and current activities relevant to the proposed project

Education and Stewardship

The following MGF programs have been recognized as the best in their field and were utilized not only on O'ahu, but throughout the state of Hawai'i. Our award-winning educational stewardship programs include:

1. Partners in Education

A respected statewide environmental education program with over 120 lessons covering a wide-range of issues, from Humans and the Environment, to Wetlands and Invasive Species and more, *Partners in Education* was taught in elementary schools on O'ahu and Moloka'i for more than 20 years. Targeted to fourth through sixth graders, the program is designed around Hawaiian values that integrate our natural environment and host culture with lessons on Hawai'i's ecology, geology, native and endangered species.

2. 'Ōhi'a Curriculum

The cornerstone of MGF's *Partners in Education Program*, the *'Ōhi'a Curriculum* spans grades K-12 and contains lesson plans and teachers' guide books for classroom instruction. Developed through a grant from the John D. and Catherine T. McArthur Foundation and assistance from Bishop Museum, the *'Ōhi'a Curriculum* was one of the most widely used environmental education curricula in Hawai'i. It is integrated with Hawaiian stewardship practices and aligned with the Department of Education's science standards.

3. Exploring the Islands



This acclaimed distance learning program was developed to offer quality environmental education programs to students on the Neighbor Islands and to expand MGF's educational reach. The series of 13 lessons on topics ranging from Hawaiian geology and geography to native plants and animals was televised on Hawai'i Public Television during each school semester. The program was a vital part of MGF's educational outreach program and touched 10,000 students and teachers every year.

All of these former education programs are proof of MGF's groundbreaking work in place-based environmental education. They clearly illustrate our deep commitment to educating our

keiki in a culturally-appropriate way, teaching them to value, respect and mālama ‘āina.

4. *Huaka`i o Kamananui, Aloha ‘Āina Moanalua*

When forced to suspend our *Partners in Education Program* due to loss of funding, MGF developed *Huaka`i o Kamananui, Aloha ‘Āina Moanalua*, a place-based culturally-focused environmental education and stewardship program for fourth-grade students in Hawaiian-focused charter schools and schools in Hawaiian communities.

A keystone of MGF’s resource management plan, *Huaka`i o Kamananui, Aloha ‘Āina Moanalua* also meets the need for place-based content for both teachers and students in our public and charter schools. As in all of MGF’s previous educational programs, *Huaka`i o Kamananui, Aloha ‘Āina Moanalua* includes a stewardship project. Students learn about the importance of restoring native plants and trees in the valley and actually plant native trees that once thrived there learning an essential resource management practice.

Awards and Recognition

MGF is known as a trailblazer in environmental education and stewardship. When we started our programs 47 years ago, there were no other organizations that provided similar programs. Although there are several organizations currently providing some of the services that MGF used to, none possess the breadth and depth that MGF once offered. In fact, MGF’s *‘Ōhi‘a Curriculum* served as the prototype for their programs.

MGF’s success in this arena has been recognized locally and nationally with awards from The Hawai‘i Tourism Authority, the American Association for Environmental Education, the Distance Learning Association, and the U.S. Environmental Protection Agency (EPA) which presented MGF with an Environmental Achievement Award in 2006.

A citation from Congressman Neil Abercrombie on the occasion of the award states,
” Since its inception in 1970, the Moanalua Gardens Foundation has been dedicated to safeguarding Kamananui (Moanalua Valley) and our islands natural resources.

MGF raises awareness about the importance of land conservation; protecting our ecosystem; and encourages re-appropriating plants and fauna indigenous to Hawai‘i.

The curriculum used by MGF in its “Partners in Education” Program is unique and appropriate to our island traditions because it infuses culture with service delivery and reflects core values and traditions passed on from one generation to another in Hawai‘i”

Projects Pertinent to this Request

The following is a list of related projects managed by MGF over the past three years.

1. *Huaka`i o Kamananui Stewardship Project*
2. *Kamananui Valley Road Repair Project*

These projects were all part of MGF's strategic plan to protect, preserve and perpetuate the natural resources, cultural artifacts and historic sites of Kamananui (Moanalua) Valley. They have laid the foundation for implementation of its *Huaka`i o Kamananui, Aloha 'Aina Moanalua Curriculum* and set in motion work towards developing a critically-needed Master Plan for the valley.

While MGF is proud of the progress we have made to date, there is much more that needs to be done to educate our keiki, residents and visitors and to maintain and preserve the beauty, history, eco-systems and native species of Kamananui Valley for future generations. We humbly ask for your support of this Grant-In-Aid.

B. Facilities

Since 1970, MGF has operated from its headquarters located at 1352 Pineapple Place in Moanalua Gardens in the ahupua'a of Moanalua. The location is approximately 2 miles east of Kamananui (Moanalua) Valley where MGF conducts its educational, stewardship and resource management programs.

MGF's facility is a renovated house of approximately 900 square feet and contains several offices for the Executive Director and President, staff, and contract personnel as well as a library of educational and resource materials, storage facilities, computers, copier, and other equipment.

The proximity of our headquarters to Kamananui Valley is ideal as it is less than a 10 minute drive from MGF's offices to the valley. Our central location in Honolulu's urban core also makes it convenient for teachers, educators, community representatives, and the public to access our resources.

Kamananui Valley where our programs are carried out spans 3,700 acres of pristine preservation land. The ahupua'a of Moanalua includes Kamananui and the adjacent Kamanaiki Valley. In the 1600's, it was established as a center of hula and chanting during the reign of O'ahu's King Kakūhihewa. A map is attached.

Future plans include the construction of a sustainability/resource management center where MGF and other organizations can offer desired environmental/resource management education, stewardship, and cultural programs for students, educators, residents, researchers, cultural practitioners, and visitors. This much needed center will be MGF's new home and will include classroom, meeting, research and other facilities for MGF's programs and activities.

The structure will be located either on the grounds of Moanalua Gardens or at the entrance to Kamananui Valley. Both the gardens and the valley, will serve as "living classrooms" for the programs that are taught at the center.

New facilities will be ADA compliant.

V. Personnel: Project Organization and Staffing

A. Proposed Staffing, Staff Qualifications, Supervision and Training

The project team leaders will consist of the following individuals, all of whom are highly qualified and are considered to be very knowledgeable in their areas of expertise:

Alexander Alike Jamile – Financial consultant and retired Senior Vice President of Bank of Hawai'i, Alike Jamile, serves as the Executive Director and President of Moanalua Gardens Foundation (MGF). With over 35 years of experience in the business sector, Mr. Jamile has worked in executive management positions with such companies as Alexander and Baldwin, Crowley Maritime, Young Brothers, Matson Navigation, Hawaiian Airlines and the Hawai'i Employers Council. An expert in union negotiations, Mr. Jamile is well respected by union leaders in both the private and public sectors. He is experienced in managing, and supervising projects from simple to complex. A board member for eleven years, Mr. Jamile is a dedicated leader, dedicating thousands of hours of his time to direct MGF. Working in collaboration with the project team, Mr. Jamile will oversee this project.

Roddy Kamawaelualani Kawehi Akau – The great, great, grandnephew of Namakahelu KapahikauaoKamehameha, Roddy Akau is the kahu and konohiki of Kamananui valley. His lineage can be traced back to the original inhabitants of Kamananui. It is through Namakahelu and her descendants that ancient oli which originated in Kamananui, known as a place of spiritual renewal and hula traditions, have survived through the ages. A cultural practitioner, Kahu Akau's knowledge of the mo'olelo, history and cultural sites of the valley is unparalleled. A member of the Na Ala Hele O'ahu Advisory Council, Kahu Akau advises DOFAW on issues related to Kamananui Valley. He visits Kamananui on a regular basis to monitor cultural sites, assess stream flows, evaluate native and invasive species, help visitors and hikers, and perform basic maintenance work. A board member of MGF, Kahu Akau will serve as the cultural advisor for this project.

Charles M. Cooke, IV – A board member and past president of MGF, Charley Cooke is very knowledgeable about the foundation and the district of Moanalua. A descendant of missionaries Amos Star and Juliette Montague Cooke who ran the Royal School for Hawai'i's Ali'i, he was immersed in Hawaiian traditions as a youngster. Conversant in Hawaiian, Mr. Cooke is very knowledgeable about Hawaiian cultural practices. A former realtor and trust officer, he is also well informed about the topography and cultural sites in Kamananui Valley. Mr. Cooke will assist as an advisor on this project.

Pauline Worsham – A small business owner and an experienced marketing professional, Pauline Worsham serves as MGF's Managing Director. She has more than 30 years experience in marketing, public relations, fundraising, community relations,

governmental affairs and special events. Ms. Worsham has worked with nonprofits for over 20 years, assisting them with strategic planning, fundraising and development, special events, public relations and lobbying. Past positions include Special Events Director at Liberty House, Publicity Director at UCLA's College of Fine Arts, Vice President of Community and Governmental Affairs at Bank of Hawai'i and Public Relations Manager for Neiman Marcus. Under the direction of the Board of Directors, Ms. Worsham is responsible for MGF's grants management, grant writing, fundraising, marketing, public relations, special events, advocacy, and business development programs. She also directs the planning and administration of MGF's educational and cultural programs. Ms. Worsham will serve as the project director and liaison between MGF, the DOE, HTA, DLNR, and other project entities.

Kekai Mar – Information and Education Coordinator for the Department of Land and Natural Resources' Division of Forestry and Wildlife since 2014, Kekai has helped to develop a number of environmental education and stewardship programs for DLNR/DOFAW. He is knowledgeable about MGF's *Huaka'i o Kamananui, Aloha Aina Moanalua Curricula* and also leads the field experience portion of the workshop. A passionate advocate of environmental education, stewardship and sustainability, Kekai will assist with the *Huaka'i o Kamananui, Aloha 'Āina Moanalua* workshops and help coordinate the program's service projects.

Michelle Buck – A resource teacher for Kamehameha Schools at Blanche Pope Elementary School in Waimanalo, Ms. Buck has an extensive background in science and the environment. After completion of MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum workshop, she successfully implemented it at the school with outstanding results. Her skills as a veteran elementary school teacher and her passion for environmental stewardship, makes her an ideal choice to teach our workshops. She will be a lead instructor for our workshops orienting teachers to the curriculum so that they can start similar programs in their schools, expanding the program's outreach and number of participating students.

Ellie Keola – An experienced administrative assistant, Ms. Keola now serves as MGF's Office Manager. Formerly, MGF's volunteer coordinator, she has a broad understanding of MGF's programs and operations. She has served in administrative positions at PREL and other organizations. Ms. Keola is responsible for MGF's office management, fiscal systems, and administrative support. A Master's Degree candidate at the University of Hawaii, West Oahu, she works part-time as MGF's office manager and will assist the Managing Director with fiscal management of this project.

Staffing Pattern

MGF has found that out-sourcing the deliverables is more cost-effective for all parties, therefore, the following positions and services will be contractual. All of the designated individuals have extensive expertise in their fields and have worked on MGF projects, including the *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum project, and other environmental education and stewardship projects.

Project Director/Program Coordinator

Pauline Worsham, MGF's Managing Director, will serve as Project Director and Program Coordinator. A Native Hawaiian small business owner, Ms. Worsham has extensive experience in grants and project management and is responsible for MGF's educational and cultural programs and general operations. Under the direction of the Board of Directors and Executive Director and President, she manages and directs MGF's administrative, grants management, fund development, grant writing, public relations, marketing, community and governmental liaison activities. A seasoned professional, she has developed and managed all of MGF's grants for the past 10 years including the *Huaka`i o Kamananui, Aloha `Āina Moanalua Curriculum* grant.

Teacher' Workshop Field Trip Coordinator

Kekai Mar serves as Information and Education Coordinator for DLNR's Department of Forestry and Wildlife (DOFAW) where he helps to develop environmental education and stewardship programs for the agency. An enthusiastic environmental education instructor, he will assist with MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua* Teachers Workshops leading the program's field experiences. He has completed the workshop and is very knowledgeable about the curriculum. His cultural background and past experience with MGF's educational programs make him an ideal field trip coordinator.

Teachers' Workshop Instructor

Michelle Buck is seasoned teacher specializing in environmental education. She has implemented MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua Curriculum* at Ben Parker and Blanche Pope Elementary Schools which were very well received by team teachers and with excellent results from the students. Ms. Buck has also worked with DLNR/DOFAW's Education Division in planning and coordinating several of MGF's Teachers Workshops and serves as a resource teacher for Kamehameha Schools educational programs. In conjunction with Chasity Rowley, she will co-teach and conduct the Teacher's Workshops included in this grant.

Teachers' Workshop Instructor

Chasity Rowley is a graduate of the University of Hawaii, Mānoa and earned a Bachelor's Degree in Business as well as a Master's Degree in Education. A teacher for 14 years, she has taught grades K-3 at Puohala and Blanche Pope Elementary Schools. While at Puohala, she served as a Kamehameha Schools Literacy Resource teacher. Ms. Rowley has co-taught MGF's *Huaka`i o Kamananui, Aloha `Āina Moanalua Curriculum* workshops for teachers, and in conjunction with Michelle Buck, will co-lead and conduct the workshops included in this grant.

Office Manager

Ellie Keola, MGF's office manager will oversee the project's accounting process, ensuring that funds are properly designated, payments are verified and made in a timely fashion, and will also provide fiscal support for the project team. A former administrative

assistant, Ms. Keola has served as MGF's Volunteer Coordinator and now holds the part-time Office Manager's position.

Position Descriptions

The position descriptions and minimum qualifications for proposed project staff are included below. All of these positions are essential to the successful implementation of the project and the personnel proposed have extensive experience in their respective fields. An added plus is that they all have prior work experience with Moanalua Gardens Foundation (MGF) and have teamed very well together on past projects, including MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum project.

MGF's Executive Director and President, in conjunction with the Project Director, will supervise the accountabilities and deliverables required of each of these positions which will comprise the core project team. He will ensure that the administrative, and program functions needed to support the services are being executed and managed with the highest degree of professionalism and diligence.

Project Director/Program Coordinator

The Project Director will be responsible for the administration and execution of the project, including supervision of the Teachers' Workshop Instructors, Website Specialist, and other project members. Also, this position will assist in the development of the nature-based tours in conjunction with the project team, recruit project personnel, develop necessary contracts, and agreements. Additionally, the Project/Program Director will implement the project timeline, provide necessary reports and be accountable to MGF's Executive Director and President.

Minimum qualifications: Bachelor's Degree, 5 years of experience in project management, knowledge of environmental education field, computer literate with expertise in Word and Excel, strong communication skills.

Teachers' Workshop Instructors (2)

The Teachers' Workshop Instructors will be responsible for the content, instruction, delivery, field experiences and follow-up session for MGF's 3 *Huaka'i o Kamananui, Aloha 'Āina Moanalua* curriculum workshops. The target audience will be fourth-grade teachers from public and private schools, including Native Hawaiian charter schools, Native Hawaiian focused schools and schools with high Native Hawaiian populations. These positions will work in conjunction with the Project Director and Program Coordinator to ensure teachers are recruited and confirmed, workshop materials are prepared, workshop site reserved, and other logistics are executed.

Minimum qualifications: Bachelor's Degree, 5 years of environmental education teaching experience, knowledge of Kamananui Valley, skilled in Power Point presentations and use of audio-visual and technical equipment, ability to convey curriculum content and concepts effectively.

Supervision and Training

For more than four decades MGF has been administering projects, programs and grants and has successfully supervised, trained and provided administrative direction to project staff engaged in our educational and cultural programs. Our Executive Director and President, a seasoned human resources expert, will oversee the project team to ensure that accountabilities and deliverables are clearly specified and completed on schedule.

MGF's past accomplishments include developing the first comprehensive environmental education curriculum in Hawai'i, to producing an award-winning distance learning program, to place-based stewardship programs in Kamananui Valley. They are listed below.

1. Development of *Huaka`i o Kamananui, Aloha Aina Moanalua*, the first and only place-based environmental education program for Kamananui (Moanalua) Valley.
2. Development of *Partners in Education*, a statewide, award-winning environmental education program for elementary school students
3. Development of the *'Ōhi'a Project Curriculum*, one of the most widely used environmental curricula in Hawaii's elementary schools
4. Development of *Exploring the Islands*, an award-winning distance learning program broadcast to public schools statewide, reaching 10,000 students and teachers yearly
5. Creation of the annual *Prince Lot Hula Festival*, the state's largest non-competitive hula event presented at Moanalua Gardens, attracting more than 200,000 persons over 39 years
6. Providing essential environmental education instruction for thousands of elementary school children. Over the 25 years the program was in existence, MGF has taught an estimated 80,000 students.
7. Providing field experiences for children and adults to reinforce classroom learning and teach responsible environmental stewardship, inspiring an estimated 25,000 children and adults over 3 decades
8. Serving as a major community steward for 47 years in protecting and preserving Kamananui (Moanalua) Valley and Moanalua Gardens

These impressive achievements demonstrate MGF's proven ability to provide exceptional administration, management and supervision for their projects and project personnel.

Since we are working with highly skilled individuals familiar with MGF and our programs, we do not anticipate having to initiate special training activities to enhance their capabilities. As detailed above, all of the individuals selected for the project team are imminently qualified for the positions described.

B. Organization Chart

An organization chart reflecting the staffing for this project is attached.

C. Compensation

MGF maintains a small staff of three individuals; two fulltime and one part time plus volunteer staff who do not receive salaries. The salaries of the two fulltime staff are:

- | | |
|-------------------------------------|----------|
| 1. Executive Director and President | \$70,000 |
| 2. Managing Director | \$67,500 |

VI. Other

A. Litigation

Currently MGF is seeking to resolve an issue regarding ownership of its office in Moanalua Gardens.

B. Licensure or Accreditation

MGF's *Huaka'i o Kamananui, Aloha 'Āina Moanalua* is compliant with HDOE's Hawai'i Common Core Standards in math, science, geography, geology, language arts, social sciences, and other areas. It also meets the Nā Honua Maui Ola Hawaiian Guidelines.

C. Federal and County Grants

MGF has not been awarded any federal or county grants for this project.

D. Private Educational Institutions

MGF does not intend to use this grant to support or benefit a sectarian or non-sectarian private educational institution.

E. Future Sustainability Plan

MGF has been laying the groundwork for program sustainability through a number of different ways. This project will help MGF leverage new funding opportunities.

Currently, MGF's income comes from a variety of sources including grants, sponsorships, contributions, membership dues, sales and special events income.

This year, MGF launched an initiative to become self-supporting as part of our Strategic Plan. This includes cultivating strategic partners, creating revenue-generating programs, increasing our membership base, seeking federal grants, and building our endowment fund.

In order to achieve financial independence, MGF has set the following goals:

- Develop and implement MGF's *Huaka'i o Kamananui* eco-tour program targeted to visitors seeking nature-based experiences
- Execute contracts with private and public entities to conduct a fee-based *Huaka'i o Kamananui* program
- Work with the Hawaii Tourism Authority and Hawai'i Convention Center to host cultural activities at Moanalua Gardens and in Kamananui Valley for visiting convention groups
- Develop community-based fee programs engaging cultural practitioners and visitors

- Partner with federal agencies in restoring the Kamananui watershed, natural habitats and indigenous species
- Cultivate major sponsors for the Prince Lot Hula Festival
- Identify strategic partners, including federal agencies, to create Hawai'i's first Sustainability and Healing Arts Center at Kamananui Valley and Moanalua Gardens
- Improve MGF's technology to generate revenue from merchandise, 'Ōhi'a Curriculum and other intellectual property sales via the internet
- Launch Endowment Campaign to raise 3 million dollars to generate operating income from investments

F. Certificate of Good Standing

A certificate of Good Standing from the Department of Commerce and Consumer Affairs dated December 1, 2016 is attached.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2017 to June 30, 2018

Applicant: Moanalua Gardens Foundation

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	34,020		34,020	
2. Payroll Taxes & Assessments	4,511		4,511	
3. Fringe Benefits	7,121			
TOTAL PERSONNEL COST	45,652		38,531	
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island	0			
2. Insurance	7,000			
3. Lease/Rental of Equipment	2,700		2,700	
4. Lease/Rental of Space	1,000			24,000
5. Staff Training	0			
6. Supplies	2,000			
7. Telecommunication	5,500			
8. Utilities	1,200			
9. Website Maintenance	3,500			
10. Postage, Freight, Delivery	1,200			
11. Program Activities - Instrc. Stipends	8,000			
12. Publications & Printing - Curriculum	4,000			
13. Equipment Repair & Maintenance	700			
14. Nature-based Excursions	6,000			
15. Contractual Svcs. - Admin./Proj. Mngt	50,340			17,160
16. Contractual Svcs. - Project Staff	0			15,000
17. Food & Refreshments - Workshops	1,800			
18. Audit & Accounting	10,000		2,000	
19				
20				
TOTAL OTHER CURRENT EXPENSES	104,940		4,700	56,160
C. EQUIPMENT PURCHASES	0			
D. MOTOR VEHICLE PURCHASES	0			
E. CAPITAL	0			
TOTAL (A+B+C+D+E)	150,592	0	43,231	56,160
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	150,592	Alexander Alika D. Jamile 497-4084		
(b) Total Federal Funds Requested	0	Name (Please type or print) Phone		
(c) Total County Funds Requested	43,231	Signature of Authorized Official Jan. 20, 2017		
(d) Total Private/Other Funds Requested	56,160	Date		
TOTAL BUDGET	249,983	Alexander Alika D. Jamile Name and Title (Please type or print)		

GOVERNMENT CONTRACTS AND / OR GRANTS

Applicant: Moanalua Gardens Foundation

Contracts Total: 728,750

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	Huaka`i o Kamananui Stewardship Project	6/13/16-4/29/18	DLNR	State	118,750
2	Kamananui Valley Road Improvements (CIP)	10/2/2014-8/19/17	DLNR	State	610,000
3					
4					
5					
6					
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**DECLARATION STATEMENT OF
APPLICANTS FOR GRANTS PURSUANT TO
CHAPTER 42F, HAWAII REVISIED 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 pursuant to Section 42F-103, Hawaii 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 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 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.
- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawaii 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 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, Hawaii 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, Hawaii Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant 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 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.

Moanalua Gardens Foundation

(Typed Name of Individual or Organization)

(Signature)

January 20, 2017

(Date)

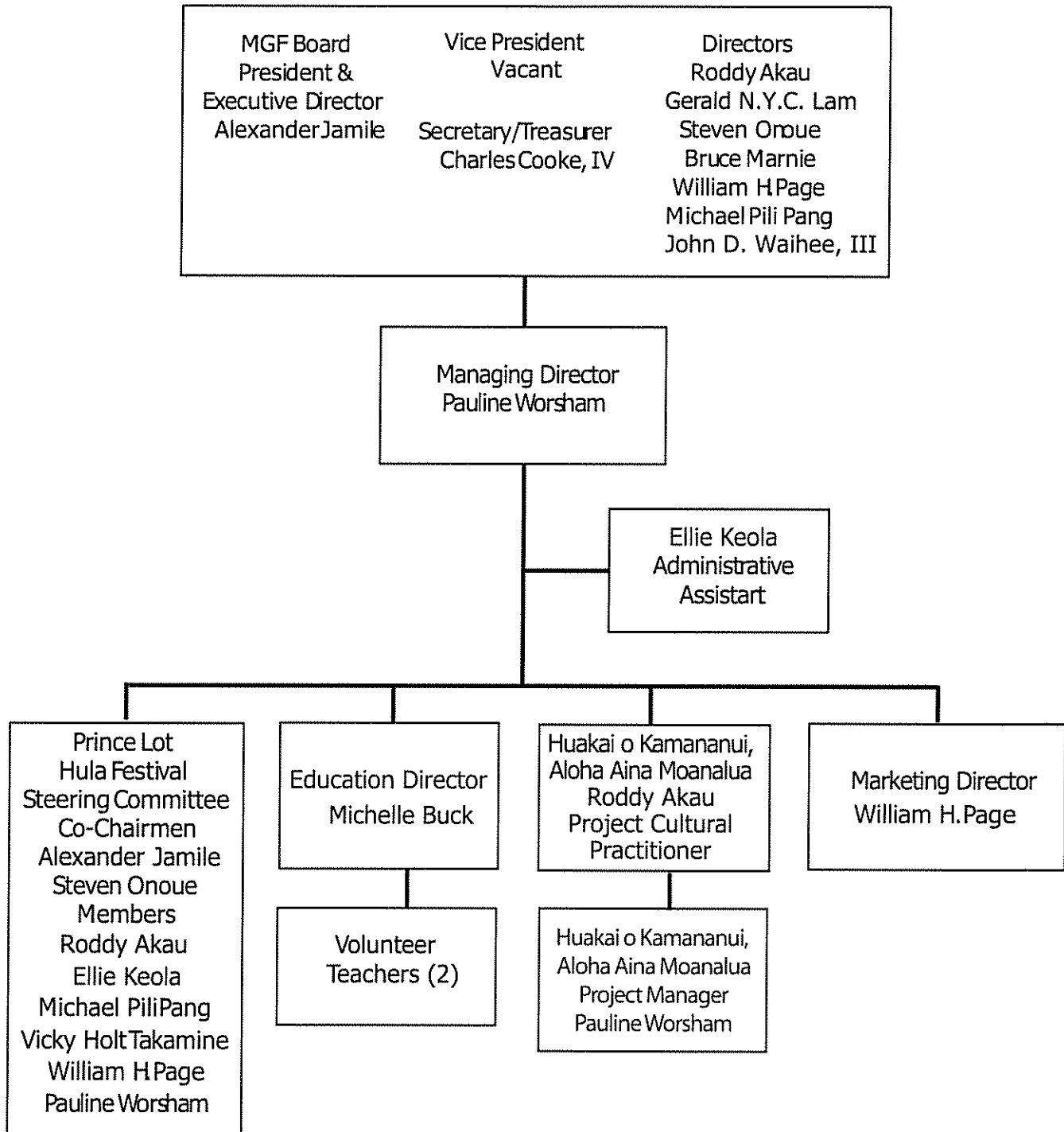
Alexander Alike D. Jamile

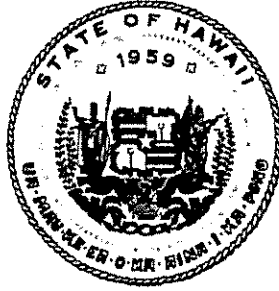
(Typed Name)

Executive Director & President

(Title)

Moanalua Gardens Foundation Organization Chart





Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

MOANALUA GARDENS FOUNDATION, INC.

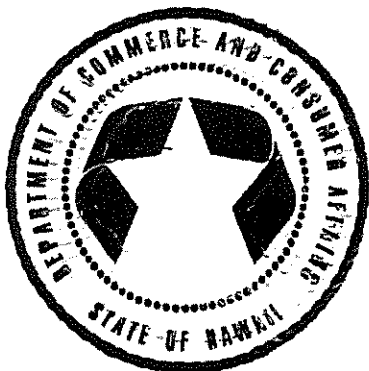
was incorporated under the laws of the State of Hawaii on 06/04/1970 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Department of Commerce and Consumer Affairs, at Honolulu, Hawaii.

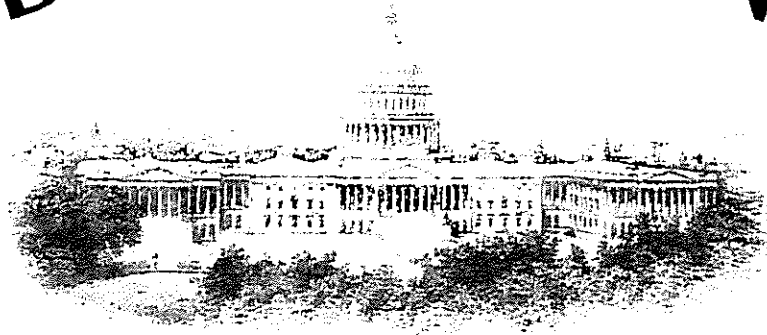
Dated: December 01, 2016

Catharine P. Awahi-Coleman

Director of Commerce and Consumer Affairs



UNITED STATES CONGRESS



Message

U.S. Environmental Protection Agency
❖ **2006 Environmental Achievement Award** ❖
Moanalua Gardens Foundation

April 18, 2006

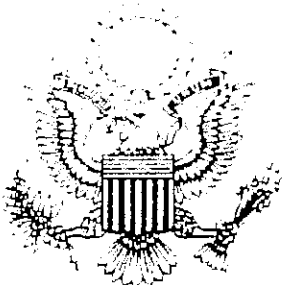
With much aloha, I would like to offer my sincere congratulations and best wishes to the board of directors, staff and volunteers at the Moanalua Gardens Foundation (MGF) upon being selected as a recipient of a **“2006 Environmental Achievement Award”** from the United States Environmental Protection Agency.

Since its inception in 1970, the Moanalua Gardens Foundation has been dedicated to safeguarding **Kamananui** (Moanalua Valley) and our islands natural resources. The MGF raises awareness about the importance of land conservation; protecting our ecosystem; and encourages re-appropriating plants and fauna indigenous to Hawaii.

The curriculum used by MGF in its “Partners in Education” Program is unique and appropriate to our island traditions because it infuses culture with service delivery and reflects core values and traditions passed on from one generation to another in Hawaii.

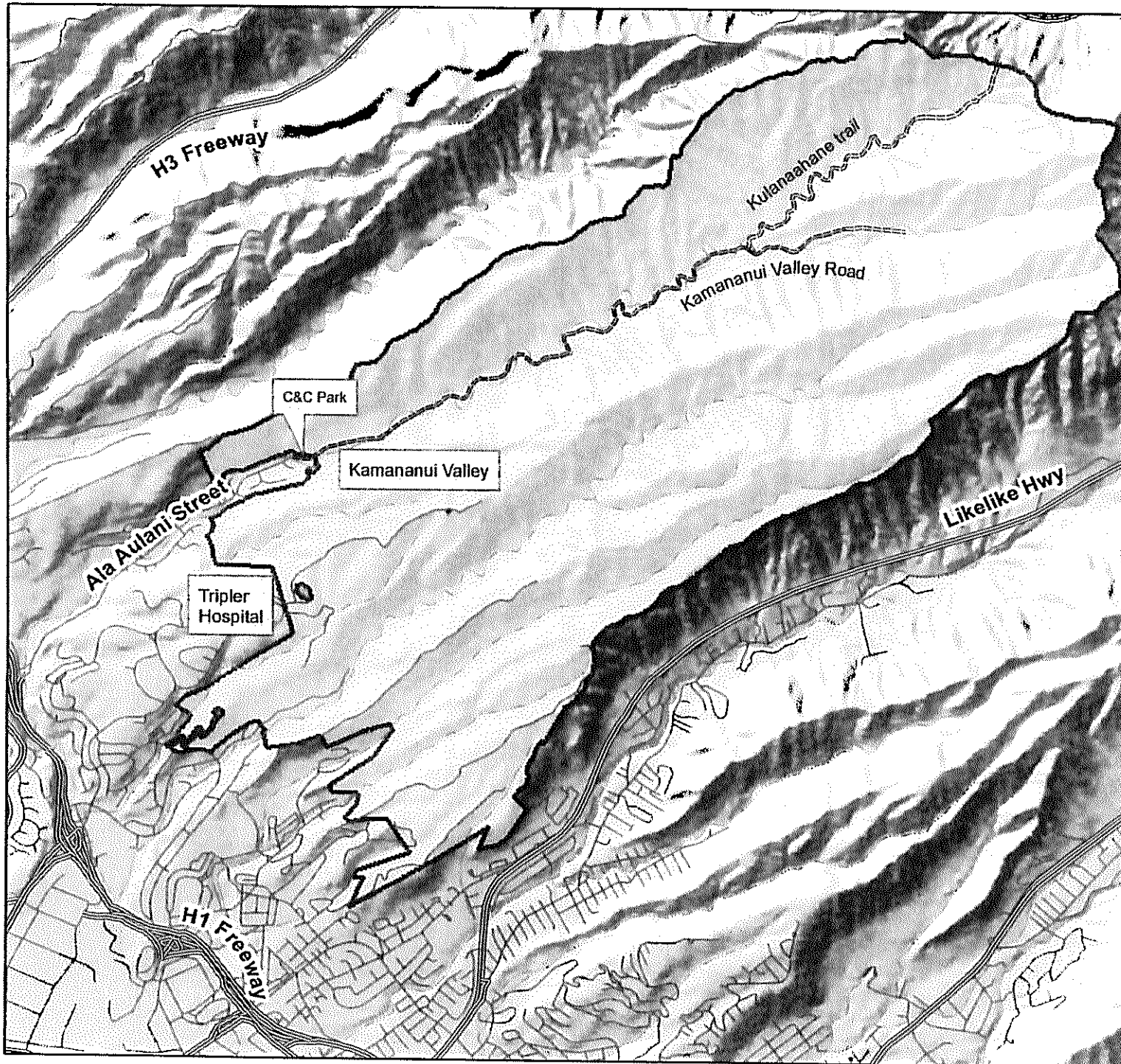
I would especially like to commend Mahealani Merryman and Pauline Worsham for their hard work, dedication and perseverance. Surely MGF’s receipt of this special recognition was a result of your combined efforts; both of you play a part in MGF’s success as an organization and as one of Hawaii’s best partners for conservation.

Again, congratulations to the Moanalua Gardens Foundation for receiving a **“2006 Environmental Achievement Award”** from United States Environmental Protection Agency. Mahalo for making a difference. I wish you continued success.








Congressman Neil Abercrombie
Hawaii-First Congressional District

Member of Congress



**Honolulu Watershed
Forest Reserve
(Moanalua Section):
Proposed
Na Ala Hele Trails**

Legend

-  Major Roads
-  Minor Roads
-  Proposed NAH Trails
-  Streams
-  HWFR (Moanalua Sec)

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Miles

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Area of Interest: Island of Oahu



Department of Land and Natural Resources
Division of Forestry and Wildlife
Oahu Branch
2135 Makiki Heights Drive
Honolulu, HI 96822
May 2009 M. Zoll

