

**THE THIRTIETH LEGISLATURE  
APPLICATION FOR GRANTS  
CHAPTER 42F, HAWAII REVISED STATUTES**

Type of Grant Request:

Operating
  Capital

Legal Name of Requesting Organization or Individual: Dba:  
 Ka'ala Farm, Inc. Ka'ala Farm, Inc.

Amount of State Funds Requested: \$ 1,000,000

Brief Description of Request (Please attach word document to back of page if extra space is needed):

The purpose of this CIP request is to fund the WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT. The overall goal is to identify, evaluate, and implement priority projects that together will help to:

- 1) Prevent the ignition of fires in Wai'anae Kai;
- 2) Reduce the intensity/severity of wildfires in Wai'anae Kai; and
- 3) Improve the ability for firefighters to respond to fires and extinguish them quickly.

Amount of Other Funds Available:

State: \$ 0  
 Federal: \$ 0  
 County: \$ 0  
 Private/Other: \$ 0

Total amount of State Grants Received in the Past 5

Fiscal Years: \$ 811,305.24  
 Unrestricted Assets: \$ 0

New Service (Presently Does Not Exist):  Existing Service (Presently in Operation):

Type of Business Entity:

- 501(C)(3) Non Profit Corporation
- Other Non Profit
- Other

Mailing Address:

PO Box 630  
 City: Waianae State: HI Zip: 96792

Contact Person for Matters Involving this Application

Name: Eric Enos	Title: Executive Director
Email: eric@kaala.org	Phone: 808-291-2014

Federal Tax ID#:

State Tax ID#



Eric Enos, KFI Executive Director

7/16/2019

Authorized Signature

Name and Title

Date Signed

**received**  
 11/17/19 1:42p JR

## Ka'ala Farm Inc., The Cultural Learning Center at Ka'ala

*If you plan for a year, plant kalo...If you plan for ten years, plant koa...If you plan for a hundred years...Teach the Children, Aloha 'Aina*

January 16, 2019

Senator Donovan M. Dela Cruz  
Chair, Ways and Means Committee  
State Capitol, Room 208  
Honolulu, HI 96813  
Attn: GIA

**Re: Ka'ala Farm, Inc. Capital Grant-In-Aid Request - \$1,000,000**

Dear Chair Dela Cruz,

Ka'ala Farm, Inc. (KFI) is pleased to submit the enclosed proposal to the Thirtieth Legislature, Hawai'i State Legislature, for a Capital Improvement Project Grant-In-Aid for FY2020.

KFI is requesting funding in the amount of \$1,000,000 for the WAI'ANAE KAI WILDFIRE PREVENTION AND MITIGATION PROJECT. The frequency and severity of wildfires in Wai'anae Valley have increased over time and are projected to continue to increase as the leeward coast becomes even drier. These wildfires, such as the one that burned approximately 9,000 acres last summer, pose significant risk to human health as safety, as well as environut, cultural, and economic impacts. The \$1,000,000 GIA request includes funding for administrative support, planning to identify priority projects, environmental compliance documents that may be required before project implementation, and \$600,000 for project implementation. The goals of the project are to:

- 1) Prevent ignition of fires in Wai'anae Valley by implementing key best management practices and increasing security in the upper valley; and
- 2) Improve the ability for firefighters to respond to fires and extinguish them quickly by increasing water availability for firefighting.

Ka'ala Farm, Inc., a 501 (c)(3) organization, has served the Wai'anae community and beyond since 1976. KFI provides hands-on learning activities for school children, families, and interested groups. The Ka'ala Farm Cultural Learning Center is located on nearly 100-acres of culturally and ecologically significant land in the back of Wai'anae Valley and hosts thousands of visitors each year.

We respectfully request your support of our GIA request for this very important project. Thank you for the opportunity to submit the application. Please do not hesitate to contact us if you have any questions!

Mahalo,



Eric Enos  
Executive Director, Ka'ala Farm, Inc  
Email: [eric@kaala.org](mailto:eric@kaala.org)  
Office phone: 808-696-4954  
Cell phone: 808-291-2014

Enc. KFI Grant-In-Aid application, budget forms, and attachments.

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Mailing Address: PO Box 630 Wai'anae, HI 96792 Website: [www.kaala.org](http://www.kaala.org) Phone: 808-696-4954

## Application Submittal Checklist

*The following items are required for submittal of the grant application. Please verify and check off that the items have been included in the application packet.*

- 1) Certificate of Good Standing (If the Applicant is an Organization)
- 2) Declaration Statement
- 3) Verify that grant shall be used for a public purpose
- 4) Background and Summary
- 5) Service Summary and Outcomes
- 6) Budget
  - a) Budget request by source of funds ([Link](#))
  - b) Personnel salaries and wages ([Link](#))
  - c) Equipment and motor vehicles ([Link](#))
  - d) Capital project details ([Link](#))
  - e) Government contracts, grants, and grants in aid ([Link](#))
- 7) Experience and Capability
- 8) Personnel: Project Organization and Staffing



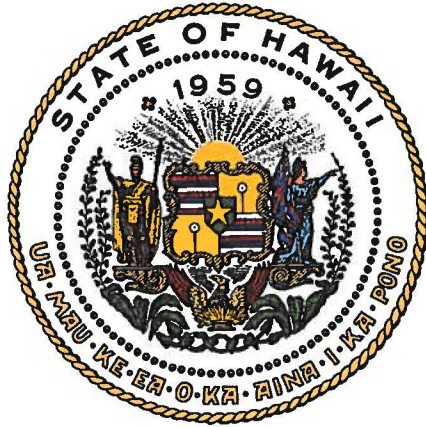
Eric Enos, Executive Director

1/16/2019

AUTHORIZED SIGNATURE

PRINT NAME AND TITLE

DATE



## 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

**KAALA FARM, INC.**

was incorporated under the laws of Hawaii on 03/09/1983 ;  
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: January 08, 2019

*Catherine P. Owa: Coltr*

Director of Commerce and Consumer Affairs

**DECLARATION STATEMENT OF  
APPLICANTS FOR GRANTS PURSUANT TO  
CHAPTER 42F, HAWAII REVISIED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

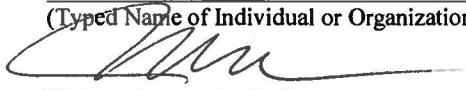
- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawaii Revised Statutes:
  - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide 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.

Eric Enos, Ka'ala Farm Inc.

(Typed Name of Individual or Organization)



(Signature)

01/07/2019

(Date)

Eric Enos

(Typed Name)

Executive Director

(Title)

## Application for Grants

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

### **I. Certification – Please attach immediately after cover page**

#### **1. Certificate of Good Standing (If the Applicant is an Organization)**

*If the applicant is an organization, the applicant shall submit one (1) copy of a certificate of good standing from the Director of Commerce and Consumer Affairs that is dated no earlier than December 1, 2018.*

See attached.

#### **2. Declaration Statement**

*The applicant shall submit a declaration statement affirming its compliance with Section 42F-103, Hawaii Revised Statutes. ([Link](#))*

See attached.

#### **3. Public Purpose**

*The applicant shall specify whether the grant will be used for a public purpose pursuant to Section 42F-102, Hawaii Revised Statutes. ([Link](#))*

The grant will be used for public purposes pursuant to HRS Section 42F-102. Specifically, the **WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT** aims to:

- Protect human safety and health
- Protect infrastructure and structures
- Protect cultural resources
- Protect natural resources
- Protect agricultural areas and other commercial interests
- Protect scenic vistas

These public purposes are more thoroughly described in response to Item #3 under "Background and Summary."

### **II. Background and Summary**

This past summer, Wai'anae Kai experienced one of the largest and most dangerous wildfires that has ever occurred in the valley. The fire was started by unknown persons in the vicinity of the Ka'ala Farm Cultural Learning Center on August 4, 2018. Eric Enos, the Executive Director of Ka'ala Farm, Inc., recounts the event:

*"We had two school buses of families at Ka'ala (Farm) for a day long experience with kalo, growing and cooking and connection to our ancestral wisdoms. Mid-day 3 sets of fires were started below us. We were trapped for hours like an apocalypse. The wind was fierce but blowing downhill but the fire still jumped the road and headed to us. We had a bucket brigade and shovels fighting as families huddled with children. Where to go if the wind shifted? No fire trucks responded for over an hour as companion fires were started in adjoining valleys and resources were worst case scenario. The entire town of Wai'anae was black with smoke as the junk yard of acres of cars exploded like a bomb. Breathing was difficult, and people were evacuated. Eventually we were able to get the buses and families out...along a road blackened and smoldering. The wind was whipping ash and heat, difficult to breathe and see. I made it out after everyone was evacuated, but staff of one, Uncle Butch, stayed at Ka'ala to monitor flare ups. My home in Mākaha was threatened and my family had to be evacuated (because of the) smoke. The roads were filled with miles of cars unable to move. Wai'anae town was visibility zero."*



*View of the fire August 4, 2018 from Ka'ala Cultural Learning Center*

This fire ended up scorching nearly 9,000 acres of land in Wai'anae and Mākaha valleys, including important agricultural land. Fortunately, no lives were lost in this fire, yet it is too easy to imagine how things could have been worse. The risk of destructive wildland fires will only increase as climate change continues to create drier conditions for the Wai'anae Moku. A FIRE PREVENTION AND MITIGATION PLAN is a top priority for Wai'anae Kai.

### **1. Brief description of the applicant's background;**

Ka'ala Farm, Inc. is 501 (c)(3) nonprofit organization that that provides cultural and environmental educational programs in the Upper Wai'anae Valley for school children, families, and interested groups. KFI was started in 1976, incorporated in 1983, and received tax-exempt status in 1988. Situated on approximately 100 acres of land containing pre-contact lo'i (wet-land taro) in the back of Wai'anae Valley, KFI is a stable, enduring anchor that has served the Wai'anae community for over forty years. The mission of KFI is to:

*"Reclaim and preserve the living culture of the Po'e Kahiko (people of old) in order to strengthen the kinship relationships between the 'āina (land, that which nourishes) and all forms of life necessary to sustain the balance of life on these venerable lands."*

The organization grew out of a community vision firmly rooted in the larger cultural kīpuka that is Wai'anae and is dedicated to creating additional kīpuka – places where our ancestral knowledge lives on through youth, where thriving ahupua'a are living examples of healthy, maintained watersheds, and where our Hawaiian traditions are carried forth in a way that makes our people and our communities stronger. Every year, learning comes alive for more than 3,000 'ōpio (youth), mākua (adults), kūpuna (elders), and 'ohana (families) who come to the Cultural Learning Center at Ka'ala where they learn the importance of aloha 'āina (love, care, and respect for our land).

Ka'ala Farm is an integral part of the movement to build healthy communities and watersheds. Over the past four decades, KFI has developed expertise in the ancestral knowledge of growing food, managing valuable land and water resources, and bringing people



*A traditional Hawaiian hale at the Ka'ala Cultural Learning Center.*

together in a spirit of shared responsibility. These skills are desperately needed in modern Hawai'i, as our island population faces a growing set of social and environmental challenges. KFI strives to reconnect community members with the 'āina (land) and to cultural practices to counteract the effects of lifestyle change and disconnection from traditional practices and food. In recognition of the integral links between preserving the natural environment and sustaining human life, KFI works to ensure natural resources are protected and available for educational, cultural, and community uses for generations to come.

KFI also works to convene a diverse group of stakeholders around land and resource issues, playing a unique and invaluable role on the Wai'anae Coast. Grounded in the physical setting of Ka'ala Farm, KFI represents the community in on-going discussions about water, land use planning, and implementation responsibilities.

More information about Ka'ala Farm's experience, capabilities, and assets are discussed in the "Experience and Capability" section (section IV).

### ***Background on Wai'anae Kai***

The ahupua'a of Wai'anae Kai encompasses approximately 9.6 square miles, or about 6,120 acres. It is bounded to the east by the Lualualei, to the south by the waters of Pōkai Bay, to the west by Mākaha, and to the north by Mount Ka'ala and the ridgeline of the Wai'anae Mountains. These mountain formations create Wai'anae Valley, a name often used synonymously with Wai'anae Kai.



The ahupua'a is a place of historical, cultural, ecological, and social importance. Before the time of contact with Western people and cultures, Wai'anae Kai was an "āina momona," a place of plenty that provided kalo, uala, fish and other foods for thousands of native Hawaiian people.

Today, even after more than 200 years of the impacts of Western culture, the mauka lands of Wai'anae Kai are still a largely intact cultural landscape with extensive areas of kalo and uala terraces and several important heiau, including Punana'ula Heiau. The forestlands of the Wai'anae Kai Forest Reserve provide habitat for native plants and animals and act as "sponges" to capture rainfall and recharge drinking water aquifers.



*Remnants of a large heiau located on the Wai'anae Valley Ranch property.*

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

The purpose of this CIP request is to fund the **WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT**. The project includes a FIRE PREVENTION AND MITIGATION PLAN that will identify and describe priority projects that should be implemented to PREVENT the frequency of fires and REDUCE the intensity and duration of fires in Wai'anae Kai. The overall goal of the plan will be to identify, evaluate, and describe "shovel ready" projects and strategies that together will:

- 1) Prevent the ignition of fires in Wai'anae Kai by implementing key land management practices and increasing security in the upper valley;
- 2) Reduce the intensity/severity of wildfires in Wai'anae Kai by implementing key land management practices; and
- 3) Improve the ability for firefighters to respond to fires and extinguish them quickly by increasing water availability for firefighting.

Projects that may be evaluated and described in the WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PLAN include:

- Ensuring pono access to mauka lands and reducing the potential for fire ignition by improving security (e.g. a security office, sign-in station, permit system, or security gate);
- Constructing a tank, pond, or reservoir to provide water for fire-fighting helicopters;
- Installation of fire hydrants and pressurized water lines at strategic locations in the upper valley;
- Creation and maintenance of fire breaks at strategic locations;
- Installing a sprinkler system to irrigate vegetative fire breaks and provide a "wet line" for fire suppression;
- Fuel load reduction – vegetation management and/or managed grazing; and

- Public education and preparedness training – through Wai'anae schools, Parent-Teacher Organizations, cultural organizations, community associations, and other avenues.

This CIP request includes funding for the development of the environmental documents that may be required under HRS Chapter 343 before project implementation can occur. For example, more intensive construction projects, such as installing water lines or creating a water reservoir, may trigger an Environmental Assessment.

This CIP request also includes funding to implement fire mitigation projects in the near future that do not require extensive planning (i.e. projects that do not require extensive planning, stakeholder input, or environmental compliance documents). For example, fire breaks could be created by clearing vegetation along the perimeter of Wai'anae Valley Ranch – with a focus on areas adjacent to nearby homes and farms. Note that surveys of cultural sites that may be present along this perimeter would need to be undertaken before fire break work is begun.

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

The WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT will protect the community of Wai'anae from the threats posed by wildfires, including threats to human safety, infrastructure, agriculture, cultural resources, and native forest ecosystems. In addition, wildfires cause increased rates of erosion, landslide danger, and the amount of sediment deposited into streams and nearshore coral reef ecosystems. These impacts have serious implications for tourism as well as commercial, recreational, and cultural use by local communities. Increased wildfire risk also means increased costs for Hawai'i's fire response community and local government. Human health can also be impacted by wildfires as a result of degraded air quality from smoke during fires and from high levels of wind-born dust that can be present for months after a fire.

The incidence of wildfires in Wai'anae Valley, as well as across Hawai'i, has steadily increased over time. In fact, the average area burned per year in Hawai'i has increased fourfold over the past century and affects a proportion of the total land area each year that is comparable to the proportion of land area burned each year in the fire-prone Western United States.<sup>1</sup> This increase is tied to the expansion of nonnative grasslands and shrublands that provide ample fuels, in addition to episodic drought and frequent high winds. Moreover, the frequency and severity of wildfires is projected to continue to increase in the coming decades as the impacts of climate change become more pronounced. Nearly all wildfires in Hawai'i are started by people, either intentionally or accidentally, and Wai'anae has some of the highest wildfire ignition rates in the state. As a result of these factors, the Wai'anae community is in the highest risk category for wildfires, according to the Hawai'i Communities at Risk from Wildfires map developed by the DLNR DOFAW.

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<sup>1</sup> Trauernicht, et al. 2015. The Contemporary Scale and Context of Wildfire in Hawai'i. Pacific Science, vol. 69, no. 4:427–444.

Wildfires in Wai'anae Kai have regrettably become a predictable occurrence during the drier months of the summer every year. This past summer, Wai'anae Kai experienced one of the largest and most dangerous wildfires that has ever occurred in the valley. The fire was started by unknown persons in the vicinity of the Ka'ala Farm Cultural Learning Center on August 4, 2018. It spread quickly through the grass-covered mid-section of the ahupua'a and crossed over the ridge into Mākaha Valley. In total, nearly 9,000 acres of land in Wai'anae and Mākaha valleys were scorched by this fire, including all 17 farm lots at the State Wai'anae Agricultural Park.



*View of the fire in Wai'anae Kai on August 4, 2018. Credit: Ryan Peralta; DLNR DOFAW*

Although it is not feasible to eliminate all wildfires from Wai'anae, the occurrence and impacts of fires can be reduced through prevention, preparedness, and pre-fire management. The WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PLAN will identify and describe priority "shovel ready" projects that should be implemented in specific locations in the mauka portions of Wai'anae Kai to prevent the frequency of fires and reduce the intensity and duration of fires in the valley. CIP funding will also be used for fire mitigation projects that can be implemented immediately to help prevent severe fires next summer, such as the fire that burned nearly 9,000 acres last August. Projects such as vegetation management to reduce fuel-loads and constructing fuelbreaks can be implemented in the short-term. These actions can create safer conditions and increase the effectiveness of wildfire suppression.

Ka'ala Farm, Inc. has been communicating with numerous public agencies and community organizations regarding key projects to be implemented and the overall need for funding to plan for and implement fire management projects in Wai'anae Kai, including:

- State of Hawai'i Department of Land and Natural Resources Division of Forestry and Wildlife (DLNR DOFAW)
- University of Hawai'i Wildland Fire Program (College of Tropical Agriculture and Human Resources, Department of Natural Resources and Environmental Management)

- **Hawai'i Wildfire Management Organization**
- **Wai'anae Mountains Watershed Partnership.**

Additionally, KFI will be sending out letters to relevant stakeholders, agencies, and organizations explaining the **WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT** and asking for letters of support. It is essential to get as much community and government involvement and support for this project as possible.

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

The community of Wai'anae Kai will benefit from increased fire prevention and response. According to the U.S. Census of 2000, there are approximately 13,600 people living within Wai'anae Kai census tracts. Landowners, residents, and other stakeholders that are located in more mauka areas of the valley will experience the most direct benefits of decreased frequency and intensity of fires.

A secondary key target group is O'ahu's visitors. Visitors come to Hawai'i to enjoy the natural beauty of the Islands, including clean air and water. The increasing frequency and severity of wildfires threatens this valuable tourist economy.

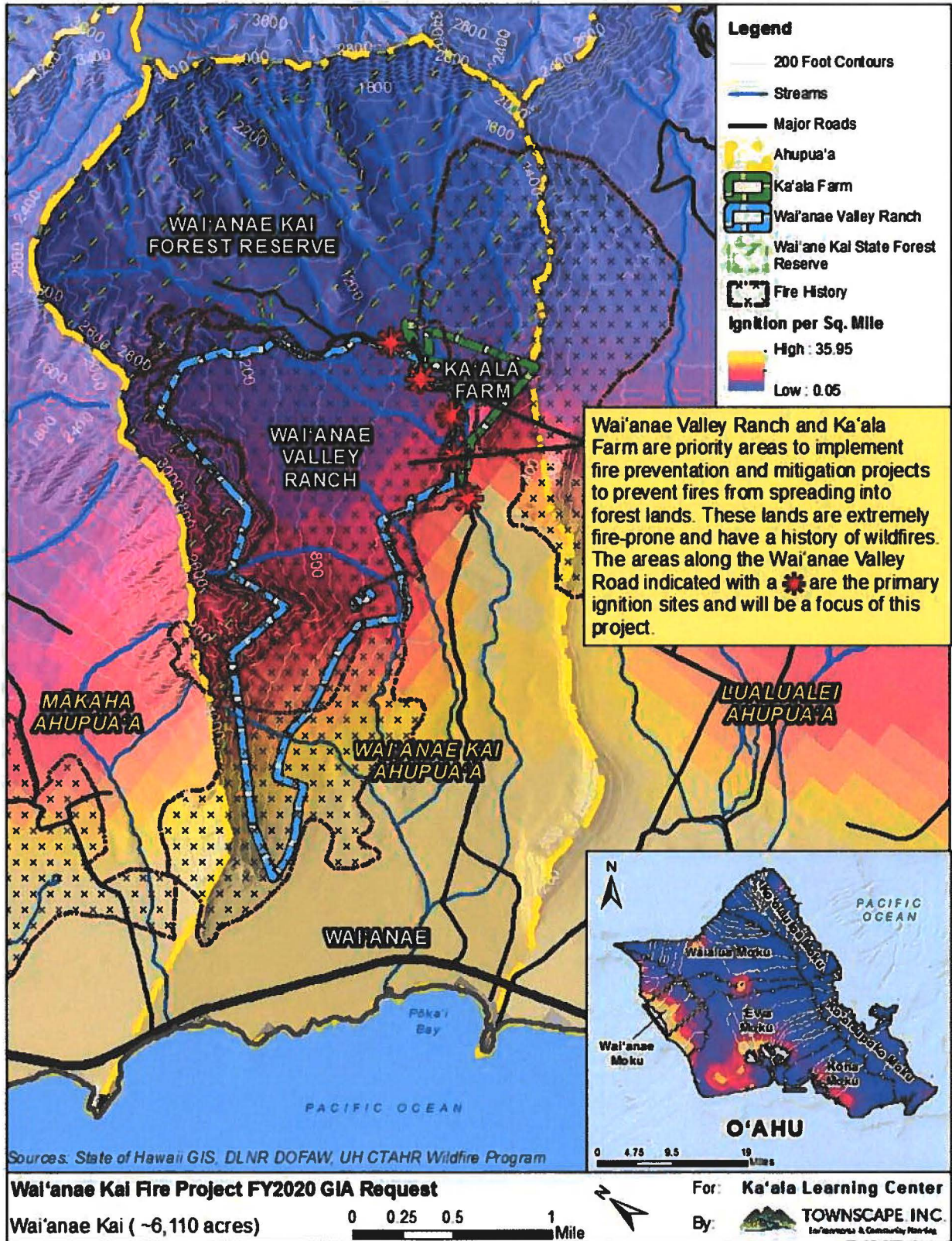
***5. Describe the geographic coverage.***

Implementation of fire mitigation projects will occur in the upper portion of Wai'anae Kai, including on the Wai'anae Valley Ranch property, at Ka'ala Farm, and possibly within the State Wai'anae Kai Forest Reserve. Wildfires are a constant threat to the Forest Reserve because of the extensive fire-prone grasslands of Wai'anae Valley Ranch located to the south and the frequent, deliberate setting of fires by arsonists. The 1,122-acre Wai'anae Valley Ranch property is currently leased by the State to Ka'ala Farm, Inc. and Ho'omau Ke Ola.

While exact locations of projects are to be determined in the development of the **WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PLAN**, the map on the following page depicts the general areas where fire prevention and management projects are most needed.



*The 1,122-acre Wai'anae Valley Ranch property is currently leased by the State to Ka'ala Farm, Inc. and Ho'omau Ke Ola.*







**Year 2**

- Identify and implement fire mitigation projects that do not require extensive planning
- Complete any required environmental documentation to implement priority projects identified in the FIRE PREVENTION AND MITIGATION PLAN
- Implement priority projects identified in the FIRE PREVENTION AND MITIGATION PLAN

The WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT will result in the following outcomes:

- a) Prevent the ignition of fires in Wai'anae Kai by implementing key best management practices and increasing security in the upper valley (e.g. installing a gate or implementing a permit system to access mauka lands)
- b) Reduce the intensity/severity of wildfires in Wai'anae Kai by implementing key best management practices (e.g. fire breaks, fuel management)
- c) Improve the ability of firefighters to respond to fires and extinguish them quickly by increasing water availability for firefighting (e.g. constructing dip tanks and/or ponds)

**3. Describe its quality assurance and evaluation plans for the request.**

*Specify how the applicant plans to monitor, evaluate, and improve their results*

The quality assurance and evaluation plan for the WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PROJECT will consist of ensuring that the following approach is used to monitor, evaluate and improve this project.

**Monitoring** of the project will be conducted by Mr. Eric Enos, the Executive Director of Ka'ala Farm, Inc. Mr. Enos will dedicate a KFI staff person to act as Project Manager (PM). The PM will have primary oversight for the implementation of this project and will meet with the contracted planning firm on a regular basis to monitor progress and document completion of objectives. The use of funds will be monitored, and quarterly progress reports will be submitted to the applicable State department. The PM will coordinate project activities with the contracted planning firm, DLNR DOFAW, Ho'omau Ke Ola, community members, and other organizations and agencies as needed. This will ensure that project activities are well coordinated and executed.

**Evaluation** of the project will occur during progress update meetings and during the review of the quarterly progress reports.

**Improvements** to the planning process will be identified via the monitoring and evaluation process by Ka'ala Farm and the contracted planning firm. The planning process will be adjusted in response to any identified issues and concerns.



**4. Measures of Effectiveness**

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 primary measures of effectiveness will be the successful completion of the following tasks:

- 1) Status/progress reports showing activities accomplished as outlined in the Scope of Work section
- 2) Number of stakeholder meetings conducted to discuss priority fire management projects
- 3) Implementation of fire mitigation projects in fiscal year 2020
- 4) Completion of the WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PLAN
- 5) Completion of any required environmental documents
- 6) Implementation of priority fire mitigation projects identified in the PLAN

**IV. Financial**

**1. Budget**

Ka'ala Farm, Inc. is requesting a grant-in-aid of \$1,000,000.00 for the WAI'ANAE KAI FIRE PREVENTATION AND MITIGATION PROJECT. This project includes:

- Developing the WAI'ANAE KAI FIRE PREVENTATION AND MITIGATION PLAN
- Preparing an Environmental Assessment and any other required documentation for implementation of priority projects identified in the plan
- IMPLEMENTATION of priority fire prevention/mitigation projects

Funding the WAI'ANAE KAI FIRE PREVENTATION AND MITIGATION PROJECT is critical to protecting human safety, human health, infrastructure and structures, cultural and natural resources, agricultural areas, commercial interests, and scenic vistas. The project scope covers a two-year timeframe.

**PERSONNEL COST: **\$100,000****  


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*(including Payroll Taxes & Assessments and Fringe Benefits)*

**Justification/Comments:**  
 Reflects personnel and overhead costs to support one KFI staff person dedicated as Project Manager for this project for a two-year period

**OTHER CURRENT EXPENSES: **\$300,000****  


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*Planning & Preparation of Environmental Documents (Consultant Fees)*  
*Project Administration (Contractor Fee)*

**Justification/Comments:**

Planning work includes the development of the WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PLAN as described in the "Scope of Work" section (tasks #1-4), as well as the preparation of any necessary environmental documents (e.g. an Environmental Assessment) as described in the "Scope of Work" section (task #5).

Project administration includes the administrative and overhead costs associated with the GIA contract incurred by the contractor.

**CAPITAL COSTS: \$600,000**

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*Implementation of priority fire management/mitigation projects, which may include:*

- Improving security (e.g. a security office, sign-in station, permit system, or gate)
- Constructing a tank, pond, or reservoir and any necessary pumps to provide water for fire-fighting helicopters
- Installing fire hydrants and pressurized water lines
- Creating/maintaining fire breaks
- Installing a sprinkler system to irrigate vegetative fire breaks
- Vegetation management (fuel load reduction)
- Prescribed grazing (fuel load reduction); including fence construction and installing other necessary items

**Justification/Comments:**

Implementation of priority fire management/mitigation projects is essential to achieve the desired outcomes of this project, listed under Item #2 in the "Service Summary and Outcomes" section.

**TOTAL CIP REQUEST: \$1,000,000**

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The following budget forms are attached:

- Budget request by source of funds ([Link](#))
- Personnel salaries and wages ([Link](#))
- Capital project details ([Link](#))
- Government contracts, grants, and grants in aid ([Link](#))

The "Equipment and Motor Vehicles" budget form is not applicable to this project.

**2. Anticipated quarterly funding requests for the fiscal year 2020.**

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

**3. Listing of all other sources of funding sought for fiscal year 2020.**

KFI Board of Directors continue to search for and identify funding that will be pursued for Fiscal Year 2020.

**4. Listing of all state and federal tax credits granted within the prior three years. Additionally, provide a listing of all state and federal tax credits applied for or anticipate applying for pertaining to any capital project, if applicable.**

KFI has not received any federal or state tax credits and we do not anticipate any within the next year.

**5. Listing of all federal, state, and county government contracts, grants, and grants in aid granted within the prior three years and will be receiving for fiscal year 2020 for program funding.**

KFI has received four different grants within the prior three years, however, none have been or will be used to support the WAI'ANAЕ KAI FIRE PREVENTION AND MITIGATION PROJECT. The grants are as follows:

**FEDERAL:**

- Department of Health and Human Services - Administration for Native Americans, ILEAD Program (2018-2021): TOTAL \$667,012.24 (\$232,883.98 yr1; \$220,967.13 yr2; \$213,161.13 yr3);

**STATE:**

- Hawaii Tourism Authority (ending 2018): \$30,000;
- Department of Hawaiian Home Lands (2018): \$40,000;
- Department of Land and Natural Resources (2017/18): \$74,293

**6. Provide the balance of its unrestricted current assets as of December 31, 2018.**

As of January 1, 2019, KFI current assets are \$0.

## **V. Experience and Capability**

### **1. 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.*

A non-profit organization founded in 1976, Ka'ala Farm, Inc. provides cultural and environmental educational experiences for thousands of visitors each year to reconnect to the 'āina (land) through hands-on experiences. KFI strongly believes that reconnecting with the 'āina is an important educational tool that provides a way for communities to heal and thrive.

Ka'ala Farm is an integral part of the movement to build healthy communities and watersheds. Over the past four decades, KFI has developed expertise in the ancestral knowledge of growing food, managing valuable land and water resources, and bringing people together in a spirit of shared responsibility. Working on the land at Ka'ala Farm, people can become fully immersed in a historic place and worldview.

As one of the earliest organizations to involve people in restoration of ancient cultural sites and hands-on learning experiences, Ka'ala Farm has set a valuable precedent. Place-based learning centers across the state of Hawai'i have drawn inspiration and know-how from KFI. Now, in locations around the state, volunteer groups come together to remove invasive species, grow traditional crops, and restore cultural sites. For example, KFI has provided expertise on lo'i kalo restoration to partner organization Mohala I Ka Wai to create a cultural learning center in Mākaha Valley.

Ka'ala Farm partners with many different institutions and organizations and extensively engages in community networking to convene diverse groups of stakeholders around land and resource issues. Grounded in the physical setting of Ka'ala Farm, KFI represents the community in on-going discussions about water, land use planning, and implementation responsibilities. As a foundational organization, KFI is considered to be a "flagship" community organization and plays a unique and invaluable role on the Wai'anae coast.

For example, KFI has taken a leadership role in advocating for a holistic approach to education and health as a founding member of the Wai'anae Wellness and Place-Based Learning Alliance. The "Alliance" consists of environmental, cultural and educational organizations that provide a continuum of learning for children and families in Wai'anae. In addition, KFI has partnered with the Program for After-School Literacy Support (PALS) since 2006 to provide place-based, project-based learning experiences for elementary and high school students along the Wai'anae Coast. From 2012 – 2015, KFI partnered with the Children's Healthy Living (CHL) Program to put the health and wellbeing of young children in the forefront of the community. CHL was a multi-level,

multi-site young child obesity prevention grant through the University of Hawai'i. KFI worked with communities throughout the United States Affiliated Pacific Region.

Mr. Eric Enos is the Executive Director of KFI. As the founder of Ka'ala Farm, Mr. Enos has over four decades of natural resource management experience and community engagement experience. He has positive relationships and partnerships with many key land managers in the region, including the Wai'anae Mountains Watershed Partnership, DLNR DOFAW, and the U.S. Army Garrison Hawai'i Environmental Division.

The Board of Directors for KFI includes a diverse group of six people. A brief summary of each board member's experience and capabilities is provided below.

**President - Dr. Benton Keali'i Pang PhD.,** is a Native Hawaiian who received his Master's and doctorate degrees in Hawaiian ethnobotany under the guidance of Dr. Isabella Aiona Abbott. He worked as the Natural Resource Manager for the Kaho'olawe Island UXO Clearance Project and since 1999, he has been a botanist with the U.S. Fish and Wildlife Service. He co-founded the Hawaiian conservation organization, 'Ahahui Mālama I Ka Lōkahi and holds life memberships with the Sierra Club, the Hawaiian Academy Science, and the Hawaiian Botanical Society. He has been a board member with Ka'ala Farms, Inc. since 1993.

**Secretary- Lynette "Loke" Wakinekona, MeD,** is a lifelong member of the Wai'anae community, She is a Project Coordinator for PLACES (Place-Based Learning and Community Engagement in Schools) a program of SEEDS at UH Manoa. They work directly with our community youth through local schools connecting science and culture. This project has been successful in reaching our youth and making them aware of our community needs and the importance of its history and our cultural traditions. She is also a serving board member of INPEACE, a community grassroots educational organization working with pre-school aged keiki and strengthening families in our community.

**Treasurer – Paula Nagao,** community volunteer. As a Ka'ala Farm Board member Paula has brought her experiences in Community Based Economic Development, as she was employed at HACBED for a number of years. She brings with her grants management experience from her time with the Hawaii Community Foundation and her perspectives of organizational expectations from the lens of a funder. Her biggest contribution to the GIA application is her first-hand experience in the GIA application process. While at the Mālama Learning Center, Paula provided the Administrative support for their application that eventually was approved for funding.

**Directors:**

**Kamuela Enos, Director of Social Enterprise, MA'O Organic Farms in Wai'anae.** Kamuela achieved a Master's degree from the University of Hawai'i at Manoa in Urban and Regional planning. He has served as a commissioner on President

Obama's white house initiative on Asians and Pacific Islanders through the term of the President. Kamuela grew up in Mākaha and spent his childhood growing kalo and assisting in the maintenance and protection of the 'āina that the Ka'ala Cultural Learning Center sits on today. He is an advocate of pono 'āina practices.

**Monica Esquivel, PhD MS RDN, Assistant Professor and Dietetics Program Director at UH Manoa**, has also worked at the Wai'anae Comprehensive Health Center as the Director of Health Promotion and Disease Prevention during the time she lived on the coast. Her time on the coast working, living and playing provides her with the firsthand knowledge of our community and its needs.

**Kanoe Enos, Special Project Strategy Manager, Queen Lili'uokalani Trust.** Kanoe grew up in Mākaha and considers himself blessed to be raised and guided by passionate parents and grandparents. He received his BA in Hawaiian Studies from the U of H at Manoa and his MSW from the Myron B Thompson School of Social Work. He is a very firm believer in and an advocate of the Native Hawaiian community. Kanoe's love for his community and 'āina is the reason he sits on the Ka'ala Board. He is a strong supporter of mālama 'āina.

To assist KFI in developing the WAI'ANAE KAI FIRE PREVENTION AND MITIGATION PLAN (including coordinating meetings with key stakeholders, preparing quarterly progress updates, and ensuring all work is done and is in compliance with state requirements and all other requirements), KFI will contract with a professional planning firm that has the necessary experience for completing such tasks.

### ***Listing of Related Projects/Contracts from the Past Three Years***

Ka'ala Farm has worked on many different projects over the past four decades that provide evidence of the organization's capabilities and knowledge in managing land and water resources. Below are some examples of recent projects that demonstrate their experience:

**Water Resolution** - Will be brought to the floor this legislation session. The Water Resolution was a project of the 2016-2017 A'ali'i students from Nanakuli High School, with collaborations with Ka'ala Farm, PALS/PLACES program, and Mākaha Hawaiian Civics Club. The Resolution was presented at the annual nationwide gathering of Hawaiian Civics Club in 2017, however, it did not pass. It was then revised during the 2017-2018 school year and has since passed and has been supported at the 2018 Hawaiian Civics Club convention.

**Wai'anae Mountains Watershed Partnership** - Ka'ala is one of the two nonprofit organizations representing the community. The overall goal of the Wai'anae Mountains Watershed Partnership (WMWP) is to cooperatively develop and implement management strategies for the Wai'anae Mountains, mauka to makai. Partners include the BWS, State Department of Land and Natural Resources, Gill-Olson Joint Venture, MA'O Organic Farms (Waianae Community Re-

Development Corporation), U.S. Army Garrison Hawaii, Navy Region Hawai'i, and Ka'ala Farms, Inc.

**Punana'ula Heiau Curator** - Ka'ala has worked with the O'ahu State Forester at DLNR DOFAW to establish a curator agreement for the management and restoration of the Punana'ula Heiau located in Wai'anae Valley. As part of the curatorship, KFI also worked with the State Historic Preservation Division in conjunction with Waianae High School's Hawaiian Studies and Natural Resources Academy.

**Mohala I Ka Wai** - Ka'ala was instrumental in supporting the creation of Mohala I Ka Wai, a nonprofit community organization whose goal is to restore the valley and stream in Mākaha. Ka'ala has support MIKW by providing administrative and organizational support. Partners include Wai'anae High School, Nānākuli High School, Mākaha Elementary School, Hoa Aina o Mākaha, and many community volunteers.

**Management of Wai'anae Valley Ranch** - KFI worked with State agencies to stop irresponsible ranching that began to damage historical and archaeological sites in Wai'anae Valley, as well as crop damage to Ka'ala Farm and other areas. Most of the glaring issues were the downed, un-maintained cattle fences that allowed approximately 100 head of cattle to occupy the Wai'anae Forest Reserve for over 10 years unchecked.

## **2. 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 Ka'ala Farm Cultural Learning Center is located in the eastern sector of the Upper Wai'anae Valley, near the mauka end of Wai'anae Valley Road. The 100+ acres of land that KFI manages under license with the State Department of Hawaiian Homelands is part of one of the largest intact cultural landscapes on O'ahu, where Native Hawaiians once cultivated kalo and other crops on hundreds of acres of irrigated pondfields and dryland fields. Today, the site includes a Cultural Learning Center, with restored lo'i kalo, dryland fields, a native dryland forest, and a traditional Native Hawaiian hale.

Over the years, Ka'ala Farm has witnessed many wildfires in the valley and has worked with partners such as DLNR DOFAW to implement wildfire prevention and suppression management activities. Additionally, KFI has an agreement with the State DLNR to joint lease the 1,122-acre Wai'anae Valley Ranch property with Ho'omau Ke Ola. Together, these lands encompass a significant proportion of the most fire-prone lands in the valley.

In addition to the mauka lands managed by KFI, the KFI administrative office is located at 86-088 #107 Farrington Hwy, Wai'anae, HI 96792.

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

### **1. 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 project team leaders will consist of the following:

- **Mr. Eric Enos, Executive Director KFI**  
As the founder of Ka'ala Farm, Mr. Enos has over four decades of natural resource management experience and community engagement experience. He has positive relationships and partnerships with many key land managers in the region, including the Wai'anae Mountains Watershed Partnership, DLNR DOFAW, and the U.S. Army Garrison Hawai'i Environmental Division. Mr. Enos has demonstrated successful project management and application of knowledge that will be essential for this project.
  
- **Mr. Benton Keali'i Pang, President KFI Board**  
Mr. Pang has been a board member with Ka'ala Farms, Inc. since 1993 and serves as the current Board President. He has expertise in ethnobotany and natural resource management and is co-founder of Áhahui Mālama I Ka Lōkahi, a Hawaiian conservation organization. He also holds life memberships with the Sierra Club, the Hawaiian Academy Science, and the Hawaiian Botanical Society. His background provides evidence of successful project management and application of knowledge.
  
- **Temporary new hire Project Manager position (to be funded with GIA funds)**  
The new hire will assist with administration and coordination tasks associated with the GIA project

### **2. 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 organization chart that illustrates the placement of this request.*

See attached.



**3. Compensation**

*The applicant shall provide an annual salary range paid by the applicant to the three highest paid officers, directors, or employees of the organization by position title, not employee name.*

All officers and directors that make up the board of Ka'ala Farm, Inc. do so on a volunteer basis. No monetary compensation is provided.

1. Executive Director  
Annual Salary: \$50,000
2. Operations Manager  
Annual Salary: \$42,000
3. Farm Manager  
Annual Salary: \$32,700

**VII. Other****1. 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.*

There have been previous filings in the court system regarding Native rights and the specific claims to the State-owned property known as Wai'anae Valley Ranch. These claims have been dismissed with prejudice by the courts.

**2. Licensure or Accreditation**

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

**Wai'anae Mountains Watershed Partnership (WMWP)** – Ka'ala Farm is one of partners of WMWP, whose overall goal is to cooperatively develop and implement management strategies for the Wai'anae Mountains, mauka to makai. The partnership brings people together to responsibly manage watershed areas, native species and their habitats, and historic, cultural and socioeconomic resources for all who benefit from the continued health of all the Wai'anae Mountains ahupua'a.

Other partners include the Honolulu Board of Water Supply, DLNR, Gill-Olson Joint Venture, MA'O Organic Farms, U.S. Army Garrison Hawai'i, and Navy Region Hawai'i.




## **APPLICATION ATTACHMENTS:**

- A. Certificate of Good Standing *(attached after cover page as requested)*
- B. Declaration Statement *(attached after cover page as requested)*
- C. Budget Form: Budget request by source of funds
- D. Budget Form: Personnel salaries and wages
- E. Budget Form: Capital project details
- F. Government contracts, grants, and grants in aid
- G. Ka'ala Farm, Inc. Organizational Chart

## BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2019 to June 30, 2020

Applicant: Ka'ala Farm, Inc.

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
<b>A. PERSONNEL COST</b>				
1. Salaries (2 years)	80,000			
2. Payroll Taxes & Assessments	12,000			
3. Fringe Benefits	8,000			
<b>TOTAL PERSONNEL COST</b>	<b>100,000</b>			
<b>B. OTHER CURRENT EXPENSES</b>				
1. Consultant Fees - Planning and Preparation of Environmental Documents	200,000			
2. Contractor Fee - Project Administration	100,000			
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<b>TOTAL OTHER CURRENT EXPENSES</b>	<b>300,000</b>			
<b>C. EQUIPMENT PURCHASES</b>	<b>0</b>			
<b>D. MOTOR VEHICLE PURCHASES</b>	<b>0</b>			
<b>E. CAPITAL</b>	<b>600,000</b>			
<b>TOTAL (A+B+C+D+E)</b>	<b>1,000,000</b>			
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	1,000,000	Eric Enos	808-696-4954	
(b) Total Federal Funds Requested	0	Name (Please type or print) Phone		
(c) Total County Funds Requested	0			
(d) Total Private/Other Funds Requested	0	Signature of Authorized Official Date		
<b>TOTAL BUDGET</b>	<b>1,000,000</b>	Eric Enos, Executive Director		
		Name and Title (Please type or print)		

## BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2019 to June 30, 2020

Applicant: Ka'ala Farm, Inc.

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
GIA Project Manager (new KFI staff person)	100%	\$40,000.00	100.00%	\$ 40,000.00
				\$ -
				\$ -
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<b>TOTAL:</b>				40,000.00
<b>JUSTIFICATION/COMMENTS:</b>				
GIA includes funding for two years of salary, payroll taxes/assessments, and fringe benefits (itemized in the "Budget request by source of funds" form).				

## BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2019 to June 30, 2020

Applicant: Ka'ala Farm, Inc.

### FUNDING AMOUNT REQUESTED

TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2017-2018	FY: 2018-2019	FY:2019-2020	FY:2019-2020	FY:2020-2021	FY:2021-2022
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION			\$ 600,000.00			
EQUIPMENT						
<b>TOTAL:</b>			<b>\$ 600,000.00</b>			

**JUSTIFICATION/COMMENTS:**

The planning process will identify specific projects for implementation, which may include security systems, a dip tank or other water system for firefighting, fire breaks, vegetation management, fence construction for managed grazing, and other projects.

**GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID**

Applicant: Ka'ala Farm, Inc.

Contracts Total: \$ 811,305.24

	<b>CONTRACT DESCRIPTION</b>	<b>EFFECTIVE DATES</b>	<b>AGENCY</b>	<b>GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)</b>	<b>CONTRACT VALUE</b>
1	Department of Health and Human Services - Administration for Native Americans, ILEAD Program	2018-2021	Department of Health and Human Services - Administration for Native Americans	U.S. - Federal	Yr 1: \$232,883.98 Yr 2: \$220,967.13 Yr 3: \$213,161.13
2	Hawaii Tourism Authority	ending 2018	Hawaii Tourism Authority	State	\$ 30,000.00
3	Department of Hawaiian Home Lands	2018	Department of Hawaiian Home Lands	State	\$ 40,000.00
4	Department of Land and Natural Resources	2017/18	Department of Land and Natural Resources	State	\$ 74,293.00
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# KA'ALA FARM, INC

Organizational Chart  
2019

