

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

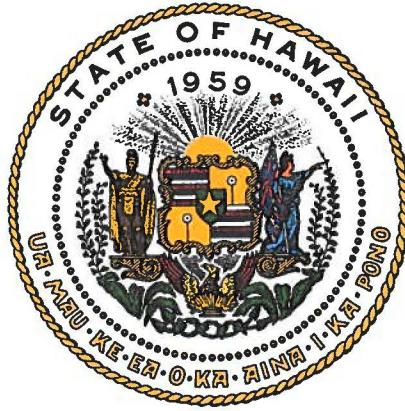
Kamanaopono M. Crabbe
AUTHORIZED SIGNATURE

KAMANAOPONO M. CRABBE
PRINT NAME AND TITLE

1/17/2020
DATE

received
1/17/2020

4:13pm



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

KOHALA INSTITUTE

was incorporated under the laws of Hawaii on 01/13/2016 ; 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 14, 2020

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'i Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant 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'i Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant 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'i Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

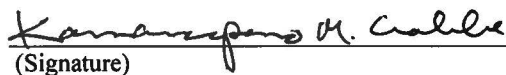
Pursuant to Section 42F-103, Hawaii'i Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate 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.

Kohala Institute dba Kohala Institute at `Iole

(Typed Name of Individual or Organization)

1/17/2020



(Date)

Kamana'opono M. Crabbe, Ph.D.

Ka Pouhana-CEO

(Typed Name)

(Title)

Application for Grants

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, 2019.

2. Declaration Statement

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

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)

II. Background and Summary

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

Nestled in the land of glorious kings and majestic queens, famed armies of courageous warriors and prominent kahuna, Kohala Institute at `Iole (KII) is uniquely positioned as one of a handful of intact ahupua`a throughout the Hawaiian archipelago committed to restoring North Kohala region as an agricultural breadbasket for Hawai`i island. Within the 2,400 acres it manages is the nexus where culture and sustainability emerge. KII is the portal of ancient and modern Hawai`i that bridges a living laboratory of preserved traditional `auwai water irrigation systems, sacred cultural sites, an ancient fishpond, and kalo terraces of Hawaiian royalty. Its proposed indigenous farming practices based on the ahupua`a system is poised to meet the State of Hawai`i's food sustainability goal challenge of increasing locally grown foods through diversified agriculture equal or greater than 20% by year 2030.

It is this legacy combined with new organizational leadership, that KII's reinvigorated vision aims: *"To be the world's learning center that inspires sustainable thinking through a model 21st century ahupua`a where land is chief and man is steward."* This aspiration is reinforced by a mission which guides our service to others. This mission articulates three fundamental components:

- *We protect and preserve the natural landscape and cultural assets of the ahupua`a of `Iole.*

- *We inspire collaboration, leadership, and mindset shifts through a deep connection with the land, place-based education, and a pu`uhonua retreat.*
- *We model and pioneer sustainable practices to serve our Hawai`i community and the world.*

KII's new strategic priorities highlight four programmatic areas that focus on aligning as well as implementing operational activities on the ground to achieve our vision and mission. These priorities include 1) Ahupua`a Stewardship-Land Management; 2) `Āina Place-based Education and learning; and 3) Pu`uhonua o `Iole Sanctuary (retreat center); 4) Branding and Marketing.

While many in Hawai`i are familiar with the Hawaiian ahupua`a system, KII is actually one of three known fully preserved ahupua`a stewarded by a single land owner. Our Ahupua`a Stewardship-Land Management division is core to coordinating all aspects of 3 diverse sections; Mauka `Āina Management, Wai Hydro Systems Management and Makai Shoreline and Ocean Management. Below is a description of each subdivision and projects and activities.

- **Mauka `Āina Management**

- **Reconstruction of Princess Walawala village**

Historical records and research have verified that the original ahupua`a of `Iole was deeded to King Kamehameha's kahu hānai or personal guardian/caregiver and prominent chief of Kohala, Nae`ole. As the daughter of Nae`ole, Princess Walawala resided at the village with her retainers near Kamehameha's personal kalo fields and was the acknowledged konohiki or steward of `Iole when she was given title to the land in the 1840s.

- **Restoration of the original Reverend Bond Estate Homestead**

The Reverend Elias Bond was assigned to Hawai`i by the American Board of Foreign Missions to preach and promote the Christian faith to the native Hawaiians. During his tenure in Kohala from 1841-1874 he established one of Hawai`i's earliest Christian churches, Kalāhikiola, as well as a thriving homestead horse stable, blacksmith and tool workshop, plantation homes, a girl's school, poi factory, chapel, and carriage barn.

- **Reconstruction of Wahi Kupuna or ancient cultural sites**

Adding to the prominence of Kamehameha the Great and Kohala nobility are a number of sacred cultural sites KII intends to reconstruct as part of its `Iole Ahupua`a Comprehensive Master Plan. These included a warrior training site, ancient sweet potato gardens, kalo fields, and village dwellings.

- **Kohala Mountain Fish Company (KMFC)**

In operation for three years, KMFC is a fully functioning fresh water tilapia aquaculture farm with 36 tanks and producing approximately 60,000 lbs. per/year. The business has promoted the product locally in Hawaii, the Pacific Northwest and West Coast regions and has retail sales approximating \$300,00.

- Other projects contributing to the community's and public interest include KII's Protection of Water Shed and Eradication of Invasive Species activities.

- **Wai Hydro Systems Management**
Comprehensive management of two water tunnels that collectively on average pump 4.5 million gallons per/day. Recently built (2016-2017) water reservoir for fire and/or emergency utility that holds up to three million gallons and water shed management as a member of the Kohala Water Shed Partnership.
- **Makai Land and Shoreline-Ocean Management**
Restoration of three ancient heiau or temples and fishpond attributed to King Kamehameha at Kauhola point. Nearly 500 acres is land that is leased to supplement Hawai'i's cattle-livestock industry for local consumption and markets on the West Coast.

Crucial to KII's Ahupua`a management is `Āina Place-Based Education and Learning. At KII, we provide authentic cultural experiences as a living, breathing, interactive approach that instructs emerging students, guests, and other stakeholders on sustainable ahupua`a managements systems and indigenous cultural knowledge to address local as well as global challenges of the 21st century. This division encompasses:

- **Lele o Kohala (LOK) Youth Leadership Program** – Emerging high-school students throughout Hawai'i participate in a year long course educating them on the rich heritage of `Iole ahupua`a, sustainable crops, cultural techniques and farming practices, kalo patch interactive work days, and personal goals as well as group capstone projects setting.
- **KI-MA`O Farms (Collaborative)**
KII is working towards a collaborative partnership with MA`O Farms to replicate their agricultural-business model at `Iole. As a mentoring partner, we intend to develop a similar educational pathway for Kohala Highschool students that provided an opportunity to enter the agricultural workforce and/or meet student needs for post-secondary education.
- **`Auana Cultural Tours**
With culture and sustainability at its core, KII's `Auana Cultural Tours is able to educate and inform guests, students, and stakeholders on a living model of a 21st century ahupua`a. The tours encompass a full briefing of the `Iole lands with over twelve cultural sites including Kamehameha's taro patches and `auwai hydro-system and fresh water springs.
- **Ka Hale o Naeole Leadership Academy**
KII in partnership with Hālau `Ohi`a, a one-year course on indigenous knowledge systems and natural resource sustainable consciousness, offered as a premier executive certified training to local government agencies, private sector companies, and non-profit organizations starting this summer 2020. The academy faculty consists of Hawai'i's brightest emerging scholars in indigenous knowledge systems and sustainability, government administrators as well as policy makers. The program includes certifications for beginning, advanced, and expert levels that offer Hawaiian cultural wisdom of ahupua`a resource management, sustainable best practices, and future advocates for diversified agriculture for a thriving Hawai'i.

Pu`uhonua o `Iole (PoI) Sanctuary

- **PoI Sanctuary Complex**

KII's Pu`uhonua o `Iole Sanctuary is a newly renovated multi-purpose complex located in the high elevation of the Kohala mountain range. The center is a six-building Historic Kohala Girls School campus, built in 1874, which is a Nationally Registered Historic District. It includes a 40-bed dormitory, 10 private cabins (2 guests per/cabin), state-of-the-art facilities for conference gatherings, workshops, and group activities, and a certified dining facility and kitchen. The facility has 24-hour Wi-Fi fiber optics access, IT capabilities for professional presentations, and a grand lawn for outdoor activities, festival gatherings, and ideal for large celebrations.

- **Premier Executive Management and Organizational Retreats**

This program is interrelated with the Ka Hale o Naeole Leadership Academy and targets mid-level to senior leaders and sustainability professionals ready for a new kind of high-impact leadership dedicated to driving sustainability into the core of their organizational mission and business. This training intends to unleash an ingenious framework of incorporating indigenous knowledge systems with contemporary sustainable best practices. The premier executive and organizational retreats place new leadership demands on executives and professionals as well as on the very structure and design of their organizations to address local and global issues of food security, sea level rise, management of water systems, and moral stewardship of the environment.

KII was incorporated in 2016 as a 501(c)3 public charity, and its team has made unprecedented progress since its establishment. KII's staff contribute diverse skills and experiences, which have already led to the successful implementation of numerous projects. The organization's new CEO, Dr. Kamana`opono Crabbe, brings leadership and three decades of experience working with Hawaiian communities, and project development in government and non-profit sectors.

Accomplishments to date include:

- ✓ Newly renovated Pu`uhonua o `Iole (formerly known as the Grace Center)
- ✓ Partial restoration of the famed taro patches of King Kamehameha the Great
- ✓ Launching KII's field trip program, sharing the history, culture, and environment of the 'Iole ahupua`a with students and educators
- ✓ Mid-year completion of cohort 1 of the *Lele o Kohala Leadership Journey*, a year-long program working with high school Juniors to provide future leaders with the skills, knowledge, and experience on cultural knowledge of the ahupua`a management system and sustainable agriculture.

2. The goals and objectives related to the request;

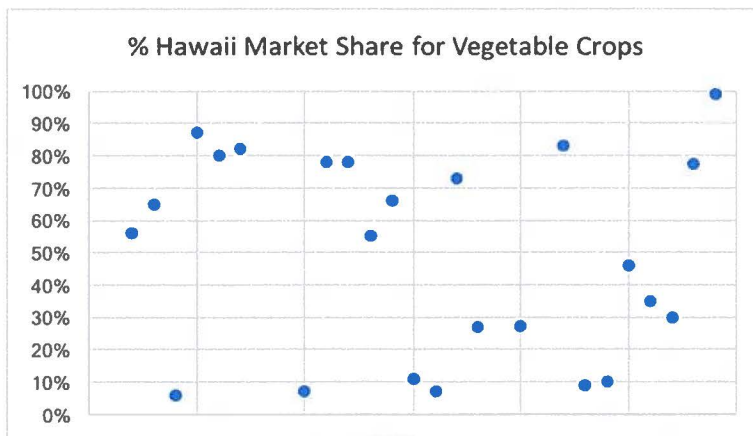
This project supports a resilient diversified agricultural future for North Kohala, Hawai'i by addressing product diversification, increasing food security, improving production efficiency, support for small and mid-sized farmers, and encouraging the expansion of agricultural production in relatively untapped local markets. KII's plans for a 30-acre diversified Ag Park is primed given the organization's collective investment, to date, in

excess of \$10 million in private and various public funding. Since 2014, an integrated-engineering system has fabricated necessary infrastructures to address barriers to start-up farming enterprises, with the underlying objective of growing the agricultural industry in the rural community of North Kohala. KII is strategically positioned to accomplish this given land resources, a sophisticated 'auwai hydro-system, plans for renewable solar energy, and new board and executive leadership.

3. The public purpose and need to be served;

Research on the agricultural market supply for fresh vegetables (Department of Agriculture Statistics from the *Baseline Study for Food Self-Sufficiency in Hawaii County*), there are specific pockets where local products can displace imports. There is a distinct gap between vegetable products Hawaii farmers have been successful in growing (equal to or greater than 55% market share) and filling an estimated 80% of local demand. The climatic conditions in North Kohala provide an opportunity for share crops like broccoli, green peppers, and cauliflower that are mid to high value products, especially adapted hybrid varieties.

The potential for market growth in vegetable crops like broccoli, carrots, celery, lettuce, and green peppers (see chart below) is promising. Such crops also present substantial opportunity to increase the volume of local agricultural production because they also rank in the top 10 most consumed vegetables in Hawaii. This provides considerable growth potential for farmers without competing with each other nor saturating markets and reducing product value.



Market Supply Data for Fresh Vegetables in the State of Hawaii, 2008 (or 2007 as noted).

Commodity	% Market Share	-----1,000 pounds-----			Ranking of largest market	Ranking room for growth
		Hawaii	In shipments	Total		
Beans, snap	56%	700	540	1240	21	22
Bitter melon	65%	140	74	214	27	27
Broccoli	6%	360	5205	5565	12	6
Cabbage, Chinese	87%	5600	818	6418	10	17
Cabbage, head	80%	9400	2329	11729	4	10
Cabbage, mustard	82%	1300	282	1582	19	23
Carrots			11144	11144	5	3
Cauliflower			1350	1350	20	14
Celery	7%	360	5133	5493	13	7
Corn	78%	2200	611	2811	15	20
Cucumbers	78%	4800	1383	6183	11	13
Eggplant	55%	900	734	1634	18	18
Ginger root	66%	1800	928	2728	16	15
Lettuce	11%	1000	8089	9089	7	5
Onions, dry	7%	1400	18654	20054	2	2
Onions, green	73%	1600	589	2189	17	21
Parsley	27%	100	271	371	25	24
Peas, Chinese			209	209	28	26
Peppers, green (2007)	27%	1800	4790	6590	9	8
Potatoes			22291	22291	1	1
Sweet potatoes	83%	7100	1715	8815	8	12
Pumpkins	9%	90	903	993	22	16
Romaine	10%	1000	9334	10334	6	4
Squash, Italian	46%	1480	1738	3218	14	11
Squash, Oriental	35%	350	640	990	23	19
Taro	30%	100	232	332	26	25
Tomatoes (2007)	77%	14300	4157	18457	3	9
Watercress	99%	770	13	783	24	28

**Some values were not included to avoid disclosing individual operations. Ranking of room for growth is based on in shipments. Ranking of largest market is based on in shipments + Hawaii products

Source: *Baseline Study for Food Self-Sufficiency in Hawaii County*, Appendix B. Department of Agriculture, Statistics on Fresh Fruits and Vegetables in 2008

Finally, the broader impacts of this project simply are to increase the number of farmers and by 2030 increase Hawai'i's food security by doubling its percentage of locally grown agricultural products. Consumption of local produce is already a priority for many organizations however, supply does not nearly meet the demand. Annually, \$3.1 billion in potential revenue to Hawai'i's local agricultural industry is consumed by imported foods. Replacing 10% of these imports could sustain \$313 million in our local economy.

4. Describe the target population to be served;

This project takes a strategic home-grown approach which is two-fold:

- a. "A mahi'ai (farmer) in every household, many farmers in every community." KII's Ag Park will increase current and future farmers. Furthermore, increasing 20 families

has the potential additive effects of multiplying the capacity of farmers via `ohana members in to the agricultural workforce as small to midsize entrepreneurs.

- b. In doing so, KII aspires to achieve modest positive change and impact within the remote, rural community of Kohala by providing greater capacity for local farmers and contributing to the boarder community with locally grown produce to achieve Hawaii's food self-sufficiency.

5. Describe the geographic coverage.

The benefits of this project will increase the number of potential candidates seeking careers as farmers within the North Kohala region and increased local produce will contribute to the County of Hawai'i with potential for statewide economy benefit by reducing the demands for agricultural imports.

III. Service Summary and Outcomes

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

1. Describe the scope of work, tasks and responsibilities, and
2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;

The strategy for KII's Ag Park in the first 12 months is to start farm activity in phases in order to keep costs to a minimum, gain production farm experience, find markets for produce, seek additional grant funding and philanthropic investment to allow time to proactively market and promote KI's Pu`uhonua o `Iole Premier Executive Management and Organizational Retreats as a legitimate source of revenue generation. The IV Phases of project implementation entail:

Phase I (July-August 2020)

- o Community outreach and engagement on the project
- o Active collaboration and partnership with organizations within the North Kohala region
- o Recruitment and hiring of Farm Coordinator, Farm Specialist 1, Lo'i Kalo Specialist 1

Phase II (August-September 2020)

- o Recruitment of 20 `ohana (families) to participate in the project
- o Project start-up (i.e. purchase equipment and supplies, hiring of personnel)
- o Recruitment and hiring of two Farm Specialist 2 and 2 Lo'i Kalo Specialist 2

Phase III (September-October 2020)

- o Staff in partnership with `ohana prepare the land and soil (i.e. removal of macadamia nut groves and other invasive trees and brush, removal of stones and unsafe hazards)

- Begin ahupua`a and indigenous farming practices training with Hālau `Ohi`a (5 8-hour sessions over 6 months-1 year)
 - Construction of green-house and water systems
 - Families identify crop selection seedling propagation
 - Plant crops and maintenance
 - Small business training for sustainable farms
- Phase IV (October 2020 – June 2021)
- Completion of ahupua`a and indigenous farming practices training
 - Harvest of crops
 - Process of crops, distribution of products to local farmers market, `ohana consumption and self-sufficiency

Initial labor will be staggered to include hiring of the Farm Coordinator and Farm Specialist 1 and Lo`i Kalo Specialist 1 in the initial months of July-August to start farm activity with help from current KII staff for initial land clearing and maintenance. To keep labor needs and costs low for watering and weeding, the startup equipment budget includes funds for supplies for an irrigation system, timers and weed cloth.

Twelve months is the minimum time to fund KII's Ag Park to allow for collaborative partnerships and funding campaigns. As an industry, agriculture requires longer term commitments due to the length of plant growth cycles. For example, lettuces grow in 30-45 days, tomatoes 100-120 days, turmeric 9-12 months, dry-land taro 9-12 months. A 12-month project span allows for a few cycles of row crops and thus is limited to the diversification of potential crop selections. Thus, KII anticipates a combination of grant supplemented funding and self-sustaining revenue projections will be the strategy for the projects three-year duration.

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

Monitoring, quality assurance, and evaluation processes are innate to this project. KII shall develop a dashboard similar to and in alignment with the state's Hawaii Green Growth (HGG) and Aloha + Challenge (A+C) Sustainable Development Goals (SDGs). Additionally, the dashboard will be linked to a database that inputs and records outcomes collected by project participants as well as staff. Forms will be developed and the Farm Coordinator shall be responsible for data collection on the proposed outputs and outcomes described in section 4.

4. List the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency).

The overarching goal of this project is to help small to mid-size farmers grow diversified agricultural crops using indigenous farming practices to meet the State of Hawai`i's food security of increasing locally grown foods equal or greater than 20% by YR2030 as articulated by the Hawaii Green Growth (HGG) and Aloha + Challenge (A+C)

Sustainable Development Goals (SDGs) noted below. The Aloha + Local Food Production and Consumption SDGs include the following:

- a. By 2030, increase access to labor and land resources to support production, processing, distribution, and consumption of local food.
- b. By the year 2030, provide enough land in farms to support local agricultural, while allocating significant resources to support hired farm workers, ranch operators, and employ extension services across all islands.
- c. By 2030, increased square footage and overall accessibility of commercial kitchens and operators to support local food processors and agricultural-related facilities in meeting local food needs.
- d. By 2030, increase the directory of available and locally sourced food to meet an increased demand, and ensure local food sourced is efficiently streamlined through distribution channels—chefs, businesses, entrepreneurs, farms, and grocers.
- e. By 2030, lowered costs and prices of local food, while ensuring subsequent food wasted is reduced overall and maximum consumption benefits received.

ALOHA+ LOCAL FOOD PRODUCTION AND CONSUMPTION (SDG 1, 2, 10, 12, 17)



ALOHA+ NATURAL RESOURCE MANAGEMENT (SDG 1, 6, 12, 13, 14, 15, 17)



Additionally, KII believes in reversing the trend of natural resource loss from mauka to makai by increasing freshwater security, watershed protection, community-based marine management, invasive species control, and restoration of native species.

In the spirit of Aloha `Āina (Endearment for land) stewardship and a sustainable Hawai`i, KII shall adopt the Aloha + Natural Resource Management SDGs consisting of:

- a. Increase Fresh Water Capacity by 100 Million Gallons per Day
- b. Protect 30 Percent of Watershed Forests by 2030
- c. Implementation of Hawai`i’s Biosecurity Plan
- d. Increase Restoration of Native Species

Projective Objectives

KII proposes to align these food security and natural resource management indicators of successful sustainability with its available operational support while enabling economic well-being of promising farmers. This increases Hawaii's food self-sufficiency and increases the economic contributions from the agriculture sector. The Ag Park aims to innovate scalable and sustainable agricultural business models that will help future small to mid-size farmers to address island food security and connect to the land with sustainable livelihoods. It is also part of an integrated, holistic ahupua`a systems approach to creating mission based and financially sustainable programs. KII will partner with 20 families within the Kohala community and provide a quarter-acre plot to each of them for three years, gratis. A sum total of 5 acres. The remaining 25 acres will be cultivated by the project staff.

KII's commitment to a model 21st century ahupua`a system aligns with the state's as well as County of Hawai'i's aspirations to grow agricultural capacity while utilizing its resources to address the major agricultural barriers affecting small to mid-size startup farm enterprises that include but are not limited to access to land and farmer training, a certified processing and distribution center, utility expenses, equipment, and access to markets and viable economic models for small farmers.

Measurable Outputs and Outcomes

1. Identification of 20 families residing in the North Kohala region willing to farm a quarter acre.
2. Aloha + Local Food Production and Consumption SDGs Measurable Indicators
 - a. Total pounds of harvested food locally produced annually
 - b. Number of acres of farm land in production (30 acres)
 - c. Number of Agricultural Processing Facilities (1 certified commercial kitchen as processing and distribution center)
 - d. Tracking of local food distribution in number of farmers markets within the North Kohala region
 - e. Tracking local food consumption in dollars of agricultural products sold
3. Aloha + Natural Resource Management SDGs
 - a. Increased additional, reliable fresh water capacity from water conservation, recharge, and reuse in million gallons per day of water recharge, conservation, and reuse with the 2,400 acres of `Iole ahupua`a
 - b. Number of acres of native watershed under high-level protection within the ahupua`a of `Iole
 - c. Percent of marine areas under effective management within the ahupua`a of `Iole and neighboring land owners as a collective impact outcome
 - d. Percent (#/150 action items of the State of Hawai'i's Biosecurity Action Plan) Action Items in Implementation of the management of invasive species controls within the ahupua`a of `Iole
 - e. Percent of native species managed listed as threatened or endangered within the ahupua`a of `Iole

IV. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.
 - 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](#))

All listed forms are included in the application package.

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2021.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$ 107,975	\$ 107,975	\$ 107,975	\$ 107,975	\$431,900

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2021.

KII is currently exploring applying for the following grants:

County of Hawaii - R&D grant for agriculture - \$50,000

The Fruit Guys Foundation - \$10,000

The Hawai'i Tourism Authority Kūkulu Ola and Aloha Aina grants - \$250,000

The Office of Hawaiian Affairs Community Grants Program - \$200,000

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

Kohala Institute is a 501(c)3 tax exempt organization under the United States Internal Revenue Code. This is not a tax credit per se but reduces taxable income.

5. The applicant shall provide a listing of all federal, state, and county government contracts, grants, and grants in aid it has been granted within the prior three years and will be receiving for fiscal year 2021 for program funding.

USDA Community Facilities Loan - \$2.679 million to support the remodeling costs and operations of the GRACE Center Campus (formerly the Historic Kohala Girls' School). The KI board approved this loan agreement on February 12, 2016.

6. The applicant shall provide the balance of its unrestricted current assets as of December

31, 2019.

Kohala Institute's unrestricted assets as of December 31, 2019 is approximately **\$6,853.99.**

V. Experience and Capability

1. Necessary Skills and Experience

As of this past summer 2019, KII underwent a new board of directors change and the installment of new executive leadership. The organizational transformation brought a new vision, mission, and strategic priorities that merges the nexus of Hawaiian culture and sustainability as a global trailblazer as the model 21st century ahupua'a. This innovative pathway is supported by the co-founders of the New Moon Foundation as well as board members comprised of the Hawaii Asia Pacific Association (HAPA) Young Leaders. The board composition brings critical business acumen and leadership, integrity, IT expertise, and accountability. Members of the board include the following:

- Jason Fujimoto - President & CEO at HPM Building Supply
- Jason Fujita - Vice President Sales at Hawaiian Telcom
- David Morimoto - Executive VP, CFO, Treasurer, Central Pacific Bank
- Brandon Kurisu - President, aio Digital
- Michael Fujimoto – Chairman and former President & CEO HPM Building Supply

As a co-founder of the New Moon Foundation, Bennett Dorrance Jr. assumes the role of KII's Land Manager. Dorrance is presently the Managing Director of the DFE Trust Company and Vice President of the Dorrance Family Foundation. He is also a member of the Board of Directors of the Julie Ann Wrigley Global Institute of Sustainability at Arizona State University.

Incoming Chief Executive Officer Dr. Kamana'opono Crabbe served as the previous Ka Pouhana-CEO for the Office of Hawaiian Affairs (OHA) for seven in half years from 2012 to June 2019 where he was responsible for improving the health, wellbeing, and conditions for Native Hawaiians statewide. Prior to his tenure as Ka Pouhana-CEO, he was the Research Director from 2010-2012 charged with providing baseline data and research to achieve the results and outcomes of the organization's strategic plan 2010-2018.

As a non-profit promoting indigenous Hawaiian culture, sustainability, agriculture, and collaborative community development, Kohala Institute will work with community partners to analyze and disseminate lessons learned through this demonstration project.

Additionally, Kohala Institute as an organization has effectively managed and maintained compliance on numerous grants and a \$2.6 million Community Facilities Loan from the

USDA. This federally funding requires extensive reporting and precise tracking of activities and finances, and our executive leadership and operational team will apply the same level of vigor to the efficient management of any awarded funding.

2. Facilities

KII manages 2,400 acres of land which includes an on-site water system fed by two lateral wells. The proposed Ag Park site contains 30 acres of fenced land with 3.5 acres available for immediate cultivation. Additionally, the ancient kalo terraces attributed to King Kamehameha totals 5.2 acres with and two acres in production. Initial soil tests completed by UH Hilo in March 2016 indicated a high soil fertility and nutrient material. The infrastructure has a 4” irrigation line in the lower field that feeds a ½ acre plot of diversified row crops and fruit trees. Subsequently, the upper field has a ½ acre breadfruit orchard with multiple spigots from a 1” line that can feed drip irrigation. This orchard is a part of a research project with UH-Manoa. Both irrigation lines connect to the Bond Tank which is fed by the Bond Tunnel, one of the mauka lateral wells. There is also a rustic packing/washing area and a storage shed on-site. Offices are adjacent to the farm which will be free for use during this project.

V. Personnel: Project Organization and Staffing

1. Proposed Staffing, Staff Qualifications, Supervision and Training

CEO Dr. Kamana`opono Crabbe – A former Chief Executive Officer and Research Director of the Office of Hawaiian Affairs has nearly 30 years of research, program development and evaluation experience. While at OHA, he led a team of twelve researchers to provide baseline data to inform strategic target outcomes for six strategic priorities and twelve strategic indicators of success.

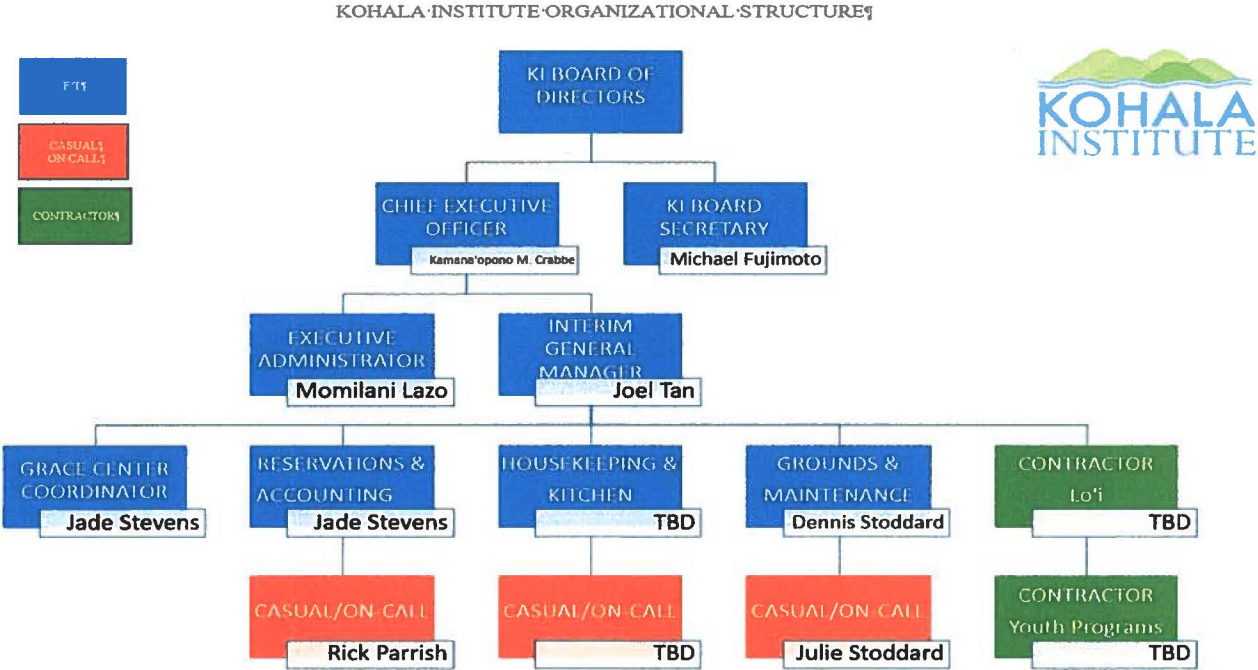
Executive Administrator Momi Lazo – Ms. Lazo is currently attending the University of Hawai`i at Mānoa, Master’s Graduate Program in Public Administration. She is expected graduate Fall 2020. She received an Associate of Arts degree in Science-Paralegal Certificate from Kapi`olani Community College 2003 and her Bachelor of Arts in Hawaiian Studies in 1984. Her professional work experience includes 11 years of legal and para-legal work in law and over 12 years of government experience as an executive assistant and senior executive assistant who supervised a range of line staff to directors and engaged community members to government officials.

Acting General Manager Joel Tan has extensive non-profit experience totaling over 12 years in a variety of enterprises from healing retreat centers to community organizations in social services. Mr. Tan has been with KII for nearly three years and has a wealth of grant knowledge, program development, grant compliance, and report writing.

Jade Stevens has been with KII for less than a year joining the organization during a transition last year 2019. She was a casual hire employee and later promoted to full time Pu`uhonua o `Iole Sanctuary (formerly the Grace Center) coordinator and assuming duties as the Reservations and Accounting staff person.

Dennis Stoddard is the Grounds and Maintenance specialist who is a recent hire. He is capable of operating landscaping equipment with safety precautions, is an experienced handyman, and carpenter with over 15 years of experience working on a farm.

2. Organization Chart



3. Compensation

- Chief Executive Officer - \$180,000
- Executive Administrator - \$98,000
- Interim General Manager - \$52,000
- Pu`uhonua o `Iole Coordinator - \$41,600

VI. Other

1. Litigation

Kohala Institute has no pending litigation.

2. Licensure or Accreditation

No licensure or accreditation is required, but the CAFNRM faculty who will be assisting in the experiment design and analysis hold PhDs in relevant agricultural fields.

3. Private Educational Institutions

This project is independent of any educational institutions.

4. Future Sustainability Plan

Although this is intended to be a three-year project, currently the organization is willing to seek funding for a year.

The report will be disseminated to organizations and websites with information for Hawaii's farmers, so this will continue to be available.

5. Certificate of Good Standing (If the Applicant is an Organization)

Please see the Certificate of Good Standing for Kohala Institute included in the Application package.

6. Declaration Statement

Please see the Declaration Statement executed by KII's CEO, Dr. Kamana`opono Crabbe.

7. Public Purpose

Kohala Institute will use any funding received through the Hawaii State Grant-in-Aide program for a public purpose pursuant of Section 42F-102, Hawaii Revised Statutes.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2020 to June 30, 2021

Applicant: Kohala Institute at 'ole

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	327,900	0		1,500,000
2. Payroll Taxes & Assessments				
3. Fringe Benefits				
TOTAL PERSONNEL COST	327,900			1,500,000
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training	5,000			
6. Supplies	15,000			
7. Telecommunication				
8. Utilities				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	20,000			
C. EQUIPMENT PURCHASES	24,000			
D. MOTOR VEHICLE PURCHASES	60,000			
E. CAPITAL				
TOTAL (A+B+C+D+E)	431,900			1,500,000
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	431,900	Kamana'opono M. Crabbe 808-365-4599		
(b) Total Federal Funds Requested		Name (Please type or print) Phone		
(c) Total County Funds Requested		<i>Kamana'opono M. Crabbe</i> 1/17/2020		
(d) Total Private/Other Funds Requested	1,500,000	Signature of Authorized Official Date		
TOTAL BUDGET	1,931,900	Kamana'opono M. Crabbe, Ph.D., CEO Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2020 to June 30, 2021

Applicant: Kohala Institute at `Iole

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Farm Manager	1	\$70,500.00	100.00%	\$ 70,500.00
Ag Processing Specialist				\$ -
Farm Specialist 1	1	\$45,500.00	100.00%	\$ 45,500.00
Farm Specialist 2	1	\$41,600.00	100.00%	\$ 41,600.00
Farm Specialist 2	1	\$41,600.00	100.00%	\$ 41,600.00
Lo`i Kalo Manager				\$ -
Lo`i Kalo Specialist 1	1	\$45,500.00	100.00%	\$ 45,500.00
Lo`i Kalo Specialist 2	1	\$41,600.00	100.00%	\$ 41,600.00
Lo`i Kalo Specialist 2	1	\$41,600.00	100.00%	\$ 41,600.00
Chief Executive Officer	1	\$180,000.00	15.00%	
Executive Administrator	1	\$98,000.00	15.00%	
Interim General Manager	1	\$90,000.00	50.00%	
Grace Center Coordinator	1	\$41,600.00		\$ -
KII Groundskeeper-Maintenance Specialist	1	\$41,600.00		\$ -
TOTAL:				327,900.00
JUSTIFICATION/COMMENTS:				
Employee salaries (7) inclusive of fringe benefits (medical \$6,168 x 7 employees = \$43,176; dental = \$384 x 7 employees = \$2,688)				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2020 to June 30, 2021

Applicant: Kohala Institute at `Iole

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
Chain saw 24"	2.00	\$539.99	\$ 1,079.98	1200
Chain saw 18"	2	\$460.00	\$ 920.00	1000
Weed wacker	4	\$429.00	\$ 1,716.00	1800
Commercial Greenhouse	1	\$20,000.00	\$ 20,000.00	20000
			\$ -	
TOTAL:	9		\$ 23,715.98	24,000

JUSTIFICATION/COMMENTS:

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
Midsized farm tractor	1.00	\$58,600.00	\$ 58,600.00	60000
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:	1		\$ 58,600.00	60,000

JUSTIFICATION/COMMENTS:

Purchase of equipment and midsized farm tractor are strictly one time purchases with long term benefit.

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2020 to June 30, 2021

Applicant: Kohala Institute at `Iole

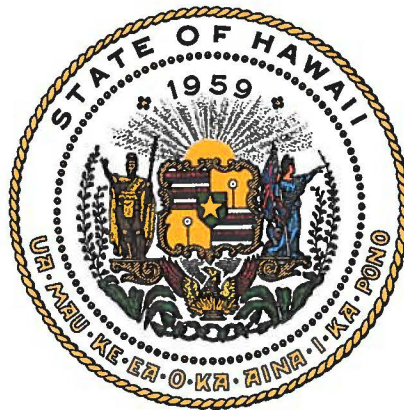
FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2018-2019	FY: 2019-2020	FY:2020-2021	FY:2020-2021	FY:2021-2022	FY:2022-2023
PLANS	180800	142857				
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT			64000			
TOTAL:			64,000			
JUSTIFICATION/COMMENTS:						
Equipment (i.e. chainsaws, weed wackers, commercial greenhouse, plus midsize tractor) will be one time funding request.						

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Applicant: Kohala Institute at `Iole

Contracts Total: 323,657

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	Kukulu Ola Cultural tours grant	1/1/2018	Hawaii Tourism Authority	State	28,000
2	Hawaii County Non-Profit Grant FY2019	7/1/2018	Hawaii County	Hawaii County	4,800
3	Kamehameha Schools Community Giving FY2019	7/1/2018	Kamehameha Schools		100,000
4	HTA: Community Enrichment Program 2019	1/1/2018	Hawaii Tourism Authority	State	30,000
5	Hawaii Leadership Forum + Smallify FY2019	7/27/2018	Hawaii Leadership Forum		18,000
6	HEI Foundation 2019	8/1/2019	HEI Foundation 2019		15,000
7	Kamehameha Schools	7/1/2019	Kamehameha Schools		100,000
8	Hawaii County Non-Profit Grants - FY 2020	7/1/2019	Hawaii County	Hawaii County	7,676
9	Hawaii County Non-Profit Grants - FY 2020	7/1/2019	Hawaii County	Hawaii County	10,181
10	Hawaii Council for Humanities	8/1/2019	Hawaii Council for Humanities		10,000
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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

NEW MOON FOUNDATION

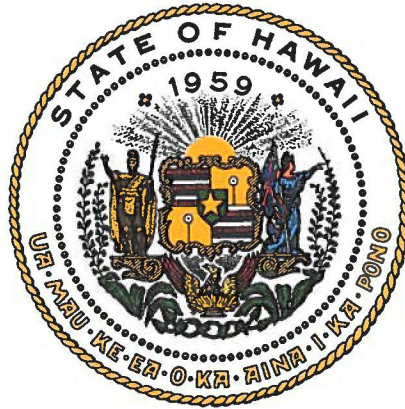
was incorporated under the laws of Hawaii on 11/03/1999 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.



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 14, 2020

Director of Commerce and Consumer Affairs



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

HAWAII ASIA PACIFIC ASSOCIATION LEADERS

was incorporated under the laws of Hawaii on 08/26/2019 ; 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 14, 2020

Director of Commerce and Consumer Affairs



January 16, 2020

Senate Committee on Ways and Means
State Capitol, Room 208
Honolulu, HI 96813

RE: Grant-in-Aid for Kohala Institute's Diversified Agricultural Park

Aloha kākou Chair Dela Cruz and Vice-Chairs Keith-Agaran,

I am writing on behalf of Hawaii Asia Pacific Association (HAPA) Leaders, an organization dedicated to positioning Hawaii as a global economic and cultural leader, to encourage the State of Hawaii's Senate to support and fund the Kohala Institute's Grant-in-Aid Application. The proposed project will support an agricultural park focusing on resilient crops, product diversification, food security, efficient production systems, and support of agricultural-businesses.

The project's goals are to develop a 30-acre diversified Agricultural Park which builds and restores mahi'ai crops and irrigation systems know in the area. The objectives include:

1. Restoration of the historic kalo terraces of Kamehameha 'Ekahi,
2. Phases I, and II of IV phases will include the installation of infrastructure:
 - a. A water-irrigation system,
 - b. A commercial grade greenhouse,
 - c. Clearing the land, and
 - d. Soil preparation.
3. Agricultural production and distribution. and
4. Seeding and maintenance of crops, 1-year harvest.

Kohala Institute at 'Iole expands across 2400 acres and utilizes an innovative systems approach to resolving barriers to grow the agricultural industry. Together with its land and water resources and newly renovated six building education and meeting campus, Kohala Institute at 'Iole is an ideal location to serve as a testbed for innovative approaches to increasing agricultural production in Hawai'i. HAPA Leaders looks forward to working with the Kohala Institute at 'Iole to increase food production, workforce development, economic and community development in the Kohala region, Hawai'i island, and statewide.

Mahalo for your consideration of this letter,

A handwritten signature in black ink that reads 'Jason K. Fujita' followed by a stylized flourish.

Jason K. Fujita
President – HAPA Leaders

NEW MOON FOUNDATION
PO Box 9015
Kailua Kona, Hi 96745

January 16, 2020

Senate Committee on Ways and Means
State Capitol, Room 208
Honolulu, HI 96813

RE: Grant-in-Aid for Kohala Institute's Diversified Agricultural Park

Aloha kākou Chair Dela Cruz and Vice-Chairs Keith-Agaran,

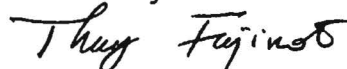
I am writing on behalf of New Moon Foundation, a private foundation supporting collaboration for better communities, to encourage the State of Hawaii's Senate to support and fund the Kohala Institute's Grant-in-Aid Application. The proposed project will support an agricultural park focusing on resilient crops, product diversification, food security, efficient production systems, and support of agricultural-businesses.

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Mahalo for your consideration of this letter,



Thuy N Fujimoto,
President