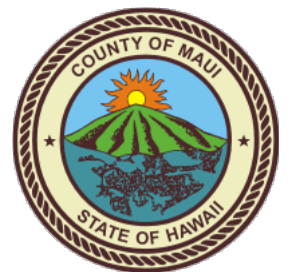


# #MauiCARES



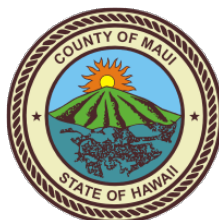
## August 2020

This paper is a collective list of recommendations identified through a series of sector and small-group meetings held between July 8, 2020 - August 15, 2020.



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# #MAUICARES TEAM

- **Rod Antone**, ED Maui Hotel & Lodging
- **Nicole Apoliona, MD**, Medical Director Kula Hospital
- **Lindsay Ball**, CAS Hawaii Department of Education
- **Lori Buchanan**, Coordinator Molokai/Maui Invasive Species Committee
- **Ryan Churchill**, President Pacific Rim Land, Inc.
- **Keiki-Pua Dancil, PhD**, SVP Government Affairs & Pūlāma Lanai
- **Sherri Dodson**, ED Habitat for Humanity
- **Dean Duque**, VP First Hawaiian Bank Maui Regional Manager
- **Gary Fukuroku**, Pres & CEO Maui County Federal Credit Union
- **Teri Gorman**, Dir of Community Relations & Patient Affairs Maui Grown Therapies
- **Jim Hammett**, CEO/COO Hōkūnui Maui
- **Koa Hewahewa**, President Kanu Ka'ike
- **William Kamai**, Senior Field Rep Carpenters Union Local 745
- **Kumu Hula Kau'i Kanaka'ole**, ED Ala Kukui
- **Ekolu Lindsey**, President Maui Cultural Lands
- **Wes Lo**, CEO Ohana Pacific Management Co. & Hale Makua Health Services
- **Lauren Loor**, Community Coordinator HIPHI/HEAL
- **Garrett Marrero**, Owner/Founder Maui Brewing Co.
- **Peter Merriman**, Chef/Restaurateur Merrimans
- **Vince Mina**, President HFUU
- **Kumu Hula Kaponō'ai Molitau**, Owner Native Intelligence
- **Brian Moto**, Special Asst to the Chancellor UH-Maui College
- **Buddy James Nobriga**, Operations Manager Roselani Ice Cream
- **Nelson Okamura**, President Valley Isle Produce
- **Saedene Ota**, Owner Sae Design
- **Adam Radford**, GM Maui Invasive Species Committee
- **Teena Rasmussen**, President Maui County Farm Bureau
- **Jeff Tarpey**, Regional GM United Airlines
- **Pamela Tumpap**, President Maui Chamber of Commerce
- **Art Vento**, President Maui Arts & Cultural Center
- **Van Waki**, VP Shore to Shore Realty, Inc.
- **Warren Watanabe**, ED Maui County Farm Bureau
- **Leslie Wilkins**, President & CEO Maui Economic Development Board
- County Partners: Michele Mclean, Tyson Miyake, Stacy Crivello, JoAnn Inamasu, Lori Tshako & Michele Yoshimura
- Support: Kanoa Leahey & Karey Kapoi

# Eligible Use Focus Areas

- ▶ Workforce Training
- ▶ Food Delivery
- ▶ Care for homeless populations
- ▶ Direct grants to businesses & individuals
- ▶ Recovery planning/coordination
- ▶ Support quarantine, isolation & tracing
- ▶ Distance learning
- ▶ Prevent evictions or homelessness
- ▶ Assist individuals with government programs
- ▶ Capital projects for improved mitigation measures
- ▶ Rural broadband expansion for public health
- ▶ Administrative costs related to relief payments
- ▶ Public area disinfecting

## #MauiCARES Process

### Volunteer-Led

All participants were volunteers, and received no compensation.

### Urgency

Not all ideas could be included in this report, due to timeline and restrictions on use, but hope future consideration could be given.

### Representative

As leaders in industry, participants consulted with peer groups and networks as needed.

### Virtual

With the exception of the first meeting, all meetings were held on a virtual platform.

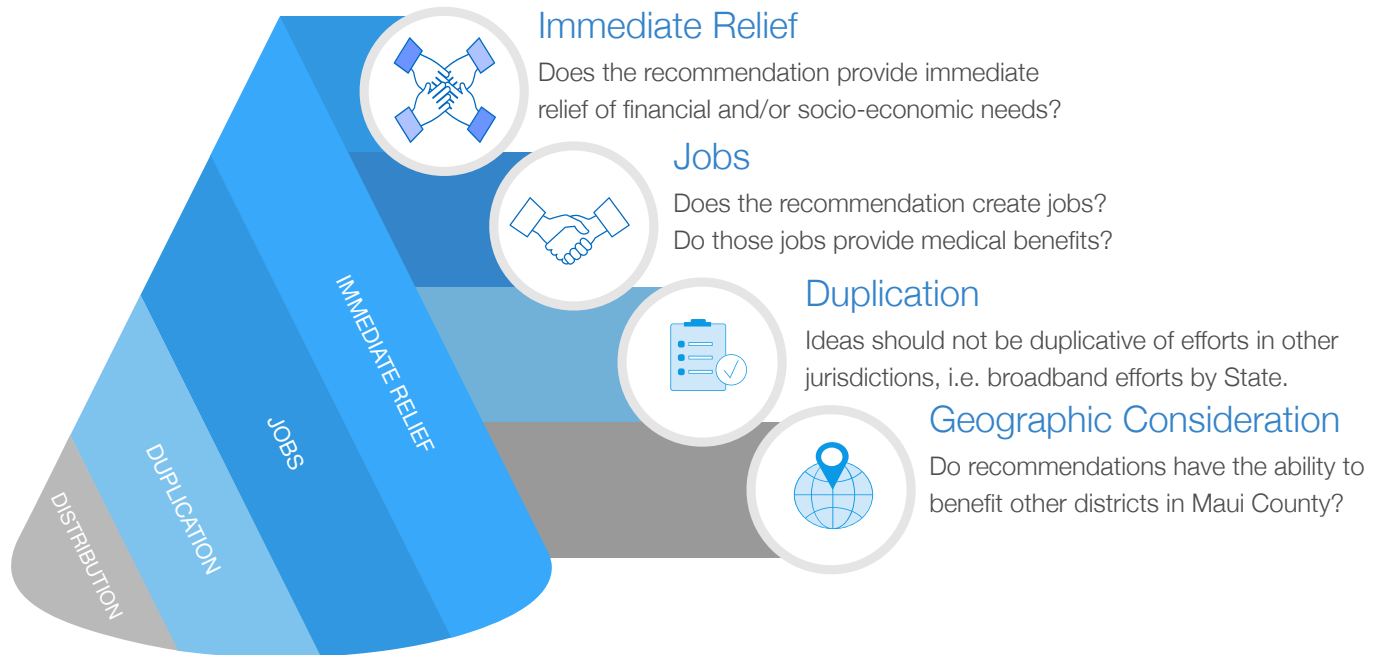
### Reporting

This represents the first (and only) comprehensive, written summary for this group's work.

### Recommendations

The written proposals are included in the appendix section of this report for questions and follow-up.

# Decision Guide



## Timeline



**8 JULY 2020**  
Mayor’s Task Force met for a facilitated discussion to identify immediate, near-term priorities. Outcome: People First.

**11-17 JULY 2020**  
Follow-up via small-group discussions addressing three (3) priority buckets to support our County residents: Family Well-Being; Advocacy & Access and Resources.

**23 JULY - 11 AUG 2020**  
Sector Meetings to identify opportunities for CARES investment.

**4 AUG 2020**  
In-person presentations to the Mayor for Healthcare Hui, Adaptability Fund & Conservations Corps.

**14 AUG 2020**  
Round one funds distributed.

**19 AUG 2020**  
Submit final report for consideration to the Mayor’s Office.

**SEP 2020**  
Rollout mauiuistrong.net website with support communication (fold in from covid19mauiui).

E Kūpa’a Kākou series each Friday in September.

**OCT 2020**  
Implementation, check-in and program support with report back to team.

**NOV 2020**  
Accounting reports due with supplemental info on impact.

**DEC 2020**  
Update to #MauiCARES team about funding efforts, results and next steps.

**JAN 2021**  
Breakout groups on long-term ideas provide written recommendations to the Mayor’s office for consideration.

# Round 1 Funding

The programs listed below represent funding commitments for August 2020 from CARES Act funding.

## Small Business & Community Support

### Communications & Marketing

Centralized communications with organic and paid media support to increase awareness about available resources and opportunities for aid. The proposed strategy includes traditional and new media.

---

### Adaptability Fund

Maui-based business and non-profit support of \$5K - \$25K one-time grants to re-tool their business in response to COVID-19. An in-county hui of creatives will also be developed to support efforts when possible. *(Appendix L)*

## Healthcare Hui *(Appendix M)*

### Community Health

Public health workforce expansion to support home-based healthcare, SDOH support, outreach, meal support, and education for frail, homebound and Kupuna residents.

### East Maui Kupuna Hui

East Maui collaboration of organizations to identify and “buddy up” with residents in-need to check-in and provide services that enable safer isolation and distancing.

### Street Medicine

Clinical outreach team to perform wound care, med reconciliation, social service navigation and support for our homeless population.

### CNA Training & Employment

In-county provider partnerships to support existing training programs to hire displaced workers for facility training and certification, career pathway guidance and healthcare infrastructure reinforcement.

# Sector Teams

Sector Teams focused on immediate use recommendations to provide relief, create jobs and support community through diversified industry partnerships, job creation and opportunities to improve, strengthen and diversify our economy moving forward.

## 1 Tourism & Commerce

- Improved communications
- Managed tourism with improved experience
- Cultural competency

Facilitator: Peter Merriman

## 2 Food & Farm

- Farmer support
- Food production and deployment
- Cross-sector partnership

Facilitator: Teena Rasmussen

## 3 Healthcare

- Meal delivery
- Focus: Kupuna, frail and homebound
- Hiring/Career pathway

Facilitator: Wes Lo

## 4 Culture, Arts & Education

- Distance learning & arts-based curriculum
- Kupuna tech training
- Equity in access

Facilitator: Saedene Ota

## 5 Housing & Construction

- Improved efficiency
- Affordable and workforce housing
- Inter-operability and advocacy

Facilitator: Ryan Churchill

## 6 Environment

- Natural environment protection & preservation
- Education & engagement
- Job creation

Facilitator: Ekolu Lindsey



# PROJECT ESTIMATE

Summary of sector recommendations based on the four CARES Act Expense categories. The hope was to offer a broad scope of projects to choose from, based on need and other partnership opportunities. Additional information and follow up can be done direct to each organization as required.

## Public Safety

MISC/MOMISC	Kupuna Smart
Waiwai Initiative	Increase social service support, i.e. Tiny Home (TBD)
One-Stop Resource Center	Reservation system
Communication & Marketing - <i>funded \$185,000 on 8/14</i>	Noho'ana Farm
COVID-Busters	Kealaka'ihonua Project
	Pūlama Lana'i Conservation Dept

## Community Needs/Response to Economic Impact

Childcare (TBD)	Authentic Maui Nui
Farm Purchase Program	Halaus of Maui Nui
Grab and Go	Modern Internships
Can Do Arts	Equity to Access
Exploration	Place Based Cultural Education
Developer discussion	

## Public Health Expenditure

Healthcare Hui - <i>funded \$1,519,000 8/14/20</i>
East Maui Kupuna Hui - <i>funded \$75,000 on 8/14/20</i>
Street Medicine - <i>funded \$122,800 on 8/14/20</i>
Personal Care Services
Sustainable Molokai
Maui Food Bank

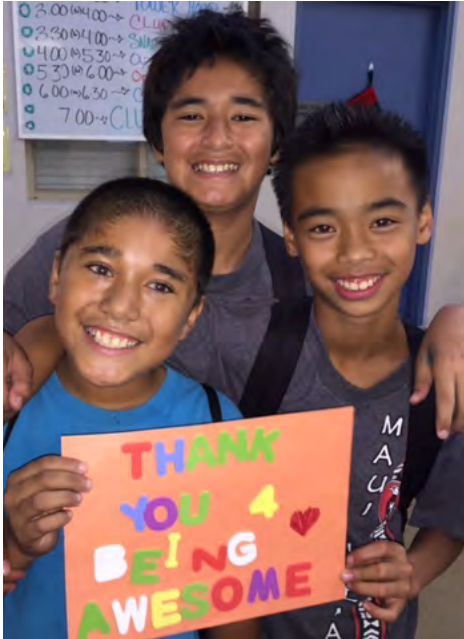
## Economic Support

Adaptability Fund - <i>funded \$5,000,000 on 8/14/20</i>	Back to School
HELP III	
Vacuum Processing Plan	
Farm Grant Program	
Maui Nui Venison	
Reattendance	



# Recommendations

The following are summaries and projected costs for individual projects presented through, and developed by members of the #MauiCARES team.

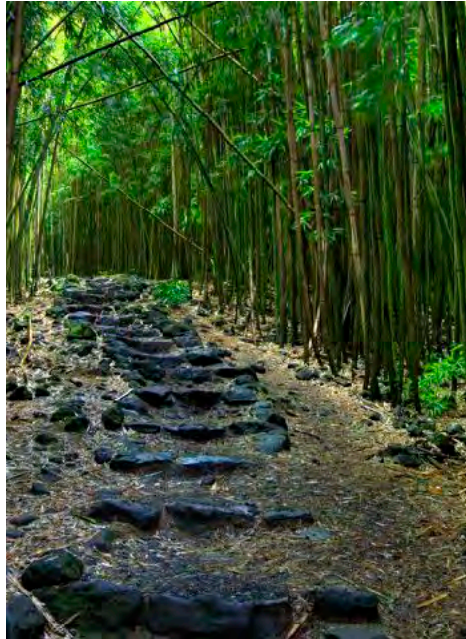


CHILDCARE

## Support for DHHC & Parks

*Mahalo to Teri Gorman for this insightful overview evaluating resources and considerations for school-aged children and their families. Please see her full report in [Appendix A](#).*

Our uncertain future and ever-changing landscape pose significant challenges to Maui County's families. As they attempt to balance financial security; health, safety, and education, many are faced with difficult choices and little options for help. The Department of Housing & Human Concerns, Parks Department and others, have made huge strides to proactively address these issues. We ask that increased support be provided to expand their on-going efforts.



RESERVATION TECH

## \$177,500 (split with State of HI)

Develop a reservations platform in partnership with Senator Kalani English's office and the State of Hawaii to use geo fencing technology to control incoming traffic into Hana.

The pandemic provided an overdue sigh of relief by some of our cherished spaces. In an effort to sustain that relief, the group recommends employing this technology as modeled in other parts of the State and Country. Additional benefits would include: improved visitor experience, reduced impact on roads and bridges, and support of in-community businesses through pre-paid purchases and reservations.

*Appendix B*



PLACE-BASED EDUCATION

## \$645,000

Support the development and deployment of a culturally based training curriculum created by our County practitioners, that tells the story of Maui Nui as a means to educate residents, visitors and businesses to share in the kuleana of protecting this place, and practice the values of our host culture.

By leveraging CARES monies to invest in the creation of this program and the development of online learning platforms, we could also support the training of new and existing workers for the post-COVID visitor industry that we have the opportunity to redefine.

*Appendix C*

# Recommendations (continued)



**FARM GRANT**

**\$5,000,000**

With the closure of hotels and restaurants, coupled with shipping disruptions and increases, MCFB and HFUU are requesting an active farm/ranch grant program to support our county food system.

The grants would be payable on a sliding scale to help farmers maintain their operations and sites, while also protecting their workforce as we identify opportunities for partnership to strengthen our production, packaging and distribution chains throughout Maui County and beyond.

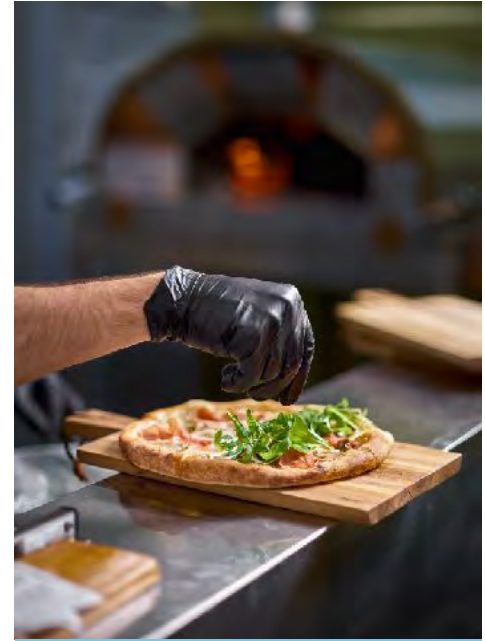


**FARM PURCHASE PROGRAM**

**\$700,000 (MCFB/HFUU)**

The County of Maui provided funding for this program since April 2020. The support was critical to help feed residents in need through organizations like the Maui Food Bank and Feed My Sheep. The certainty of purchase and distribution allowed farmers and ranchers to maintain their workforce so productivity could continue.

We hope the County will consider an additional installment to continue this program through the end of the year, with distribution through new and existing partners.



**VENISON PROCESSING**

**\$547,000**

Maui Nui Venison currently field harvests and slaughters 150 deer (USDA certified) per month and ships all whole carcasses to the mainland for processing.

Purchasing a venison processing and butcher facility to accommodate a planned increase to 760 deer per month, would facilitate food distribution to Maui Food Bank (est. 24,000 pounds, \$144K donated value); 10 new on-island jobs, and an environmental benefit of approximately \$684K for deer removal.

*Appendix N*

# Recommendations (continued)



**VACUUM PROCESSING**

**\$95,000**

The Kula Vacuum Cooling Plant is critical to lettuce and green farmers, as well as other diversified crops. It prolongs shelf life, increases the consistency of locally grown food, and adds a layer of protection for farmers and distributors.

Supporting the repair of this facility increases the capacity to support more growers and local Food Hubs to properly package and store food for distribution.

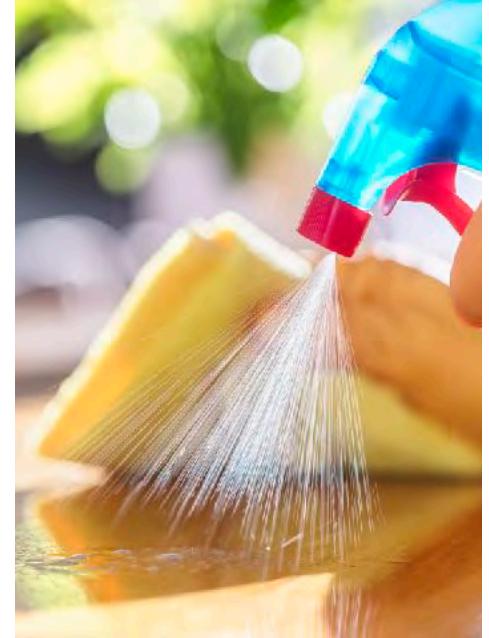


**GRAB AND GO MEALS**

**\$500,000**

Many of our Maui County keiki were dependent on school-provided meals, in some cases as their only hot meal of the day. As more and more of our families face difficult decisions, we hope to broaden opportunities to ensure no one is left behind with regard to food access and recommend the continuation and expansion of the Grab and Go Meal program to include restaurants and other care providers as distribution sites for Central Maui, South Maui, Upcountry Maui, Lanai and Molokai.

*\*Paia and Lahaina are being addressed through a HIPHI grant.*



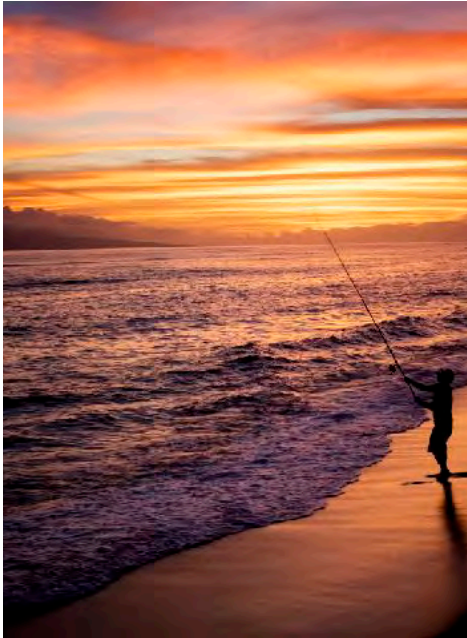
**PERSONAL CARE PROGRAM**

**\$225,000**

Hale Mahaolu provides financial subsidies to families in need of personal care who do not qualify for Kupuna Care. These subsidies are provided on a sliding scale to help meet the expense of providing care, often times when no other avenue of assistance is available due to financial categorization or age.

As more families find themselves in need of supported isolation, we hope this program can continue to ensure guided protection for some of our most vulnerable.

# Recommendations (continued)



## WAIWAI INITIATIVE

**\$2,068,529**

With a mauka to makai approach, the Waiwai initiative is a hui of organizations sharing resources and expertise to address conservation, restoration, workforce development and education under the Maui Nui Marine Resource Council umbrella.

With the intent to hire at least 68 employees for a twelve-week engagement with benefits, each entity worked to identify opportunities to solidify environmental improvements, community infrastructure and safety benefits, and on-the-job training for job seeking residents who may have been displaced due to the pandemic.

Appendix D



## MISC/MOMISC COLLAB

**\$4,849,104**

Molokai and Maui commit to create 215 conservation jobs through CARES Act funding, providing short-term jobs and workforce training for Maui County residents with health benefits through RCUH.

Job training will focus on plant and animal identification, invasive species removal, cultural awareness training, restoration, GPS/GIS, small tools, equipment operation, fence building and outreach.

The project, as presented is scalable, and has the capacity to add more host partners as needed.

*Appendix E*



## HELP III

**\$5,000,000**

Recommending continued support of the HELP program through MEO, with fewer reporting restrictions to accommodate displaced workers and people in need by reducing the stress of the application process.

Additionally, the team recommends that all recipients be encouraged to take advantage of complimentary financial education and counseling through one of our many on-island providers, including: Habitat for Humanity, Hale Mahaolu and Hawaiian Community Assets.

# Recommendations (continued)



**SUSTAINABLE MOLOKAI**

**\$123,620**

Sustainable Moloka'i is leading the effort to strengthen food security for their residents. CARES Act funds would support their ability to run a Food Hub/Food Bank on island to provide resources to the 2,500+ residents who currently access their program, as well as the 1,000+ residents who visit their mobile market.

Additional beneficiaries include: on-island farmers and producers and job seekers - additional hiring would be done to manage intake, packaging and distribution to Moloka'i residents.

*Appendix F*



**ONE STOP RESOURCE CTR**

**\$1,000,000**

Perform required infrastructure repairs on the Central Maui BGCM annex to create a community-serving/community-facing facility for families to access government aid assistance (SNAP, Medicaid, Unemployment, etc), farm/food opportunities, culturally-based training/therapy programs, Telehealth and more.

The facility will house CHWs from Malama I Ke Ola, BGCM staff and farm and education curriculum from Kanu Ka'ike to form a trusted network of support to help guide our families through this difficult time, while strengthening their internal structure to move forward and recover with guidance and a network of support.

*Appendix G*



**MAUI ARTS & CULTURAL CTR**

**\$1,500,000**

COVID-19 physical plant modifications with touchless ticket technology, along with mitigation & prevention cleaning would provide public confidence that the Maui Arts & Cultural Center is safe for public use, and enable third party jobs for implementation and construction.

**\$1,250,000 - LIVE AT THE MACC**

A community convener to support local performers and artists to perform and stream safely distanced, produced events from the MACC. Based on changing conditions and regulations the MACC will also utilize their communication channels to develop additional experiences to showcase local arts and artists to anywhere in the world.

*Appendix H*

# Recommendations (continued)



## CAN DO ARTS

**\$280,000**

The Can Do Arts program provides art education for the keiki who need it most, while also alleviating the work-load for teachers, and filling public school education gaps in creative and cognitive development for children K-5.

CARES Act funds would enable the technical upgrades and safe incorporation to produce the programs and serve an estimated 500-2000 students and 100 teachers.

*Appendix H*



## EQUITY TO ACCESS

**\$375,000**

Due to COVID-19 and mandated distance learning, keiki without computers will have no access to education, severely handicapping their learning potential and growth.

Purchasing computers for some of these populations supports their education, allows for continuous engagement and gives our teachers the tools they need to interact with their students and guide their journey from a safe distance.

*Appendix H*



## EXPLORATION

**\$150,000**

This virtual field trip program borrows from other sites and spaces across the globe to engage kids from the safety of their home, and to experience some of our cherished sites through virtually managed and produced visual tours.

The creation of these programs also allow funding support to some of these non-profit educational hubs, who have been impacted by the freeze on visitors, social distancing requirements, and fundraising difficulties.

*Appendix H*

# Recommendations (continued)



**KUPUNA SMART**

**\$86,750**

UH-Maui would create student training jobs to serve as virtual educators for kupuna, or other technologically challenged individuals. This type of guided training could enable increased independence and confidence through technology to help minimize isolation concerns and increase access to services.

*Appendix H*



**BACK TO SCHOOL**

**\$48,000**

This scholarship fund would be used to encourage Maui County residents who have lost their job due to COVID-19 to apply for a scholarship of up to six (6) credit hours, plus fees and books, to develop new skills and/or pursue a degree.

The fund would award forty scholarships to provide improved job mobility, advancement and compensation.

*Appendix H*



**MODERN INTERNSHIPS**

**\$100,000**

This program will award 55 paid-student internships with seventy-five hours of service to a local employer to support that business in addressing its tech, media, social media, and other technology needs.

As a modernized public service workforce, the interns could help businesses and non-profits upgrade their communication, marketing and engagement strategies to address their consumers safely, and potentially attract a new target market, while empowering a skilled new workforce through supervised on-the-job training.

*Appendix H*

# Recommendations (continued)



**MAUI FOOD HUB**

**\$500,000**

The Maui Food Hub supports the Maui population by providing access to locally produced healthy food, with focussed attention in supporting those in need via the SNAP program.

Maui Food Hub is a non-profit, community-based organization connecting farmers and local food producers to consumers. This funding will support the expansion of services through operational support, jobs and distribution.



**AUTHENTIC MAUI NUI**

**\$420,000**

Provide marketing and content development for nonprofits to increase awareness and education for the local community and future visitors.

Non-profits could apply and receive assistance and tools to communicate virtually, modernize their content and existing resources, and expand outreach capability to increase capacity and educate partners, supporters and residents about their site, mission and purpose.

*Appendix H*



**HALAU O MAUI NUI**

**\$855,000**

There may be no greater ambassador and representative of our islands' culture than Hālau.

We are proposing the development of an APP, which could be used and shared by Kumu to continue their teaching, thereby enabling students to distance learn and maintain their practice across the globe. The utilization and development of this educational tool also enables the continued education of hula and the accompanying lessons inherent to this teaching.

*Appendix H*



# Recommendations (continued)



**NOHO'ANA FARM**

**\$87,160**

Noho'ana Farm has three major focuses: cultural ag education, ahupua'a land stewardship and resource management, and community-based food production, all of which is performed on approximately 2 acres of land. To date, a total of 1 acre has been restored to a pre-western contact state, with CARES Act funds facilitating the expansion of this work for greater food production and increased restoration for use in education and growing.

The funds would also allow for three (3) twelve-week hires to aid with the development of the virtual curriculum and land management.

*Appendix I*

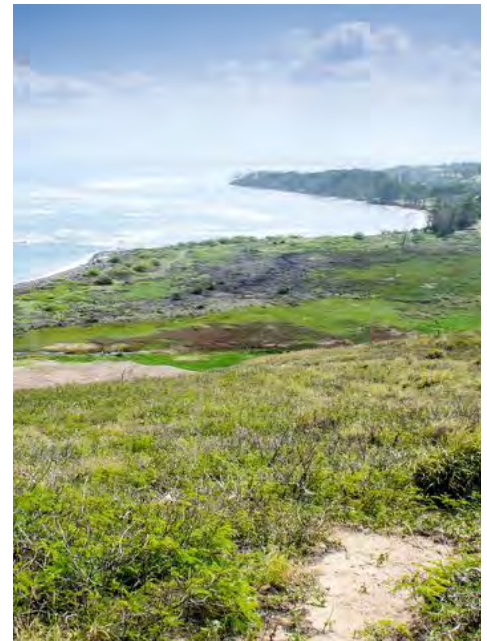


**MAUI FOOD BANK**

**\$2,000,000**

With steadily increasing demand drastically outpacing resources, we are encouraging another infusion of support to allow for planning and distribution through the end of 2020.

With a monthly spend of \$500K per month, they are on pace to distribute nearly 8M pounds of food to Maui County residents. The additional funding allows the purchase of both locally grown and shelf stable products to give families the chance to access a healthy and durable food supply through the end of the year.



**KEALAKA'IHONUA PROJECT**

**\$228,382**

Through use of CARES Act funding, this hui will revitalize Kealaka'ihonua Heiau as a functioning heiau to support, host and educate practitioners, volunteers and visitors - creating jobs, safe access and strengthening the preservation of this sacred space.

The restoration also allows for a Kauhale No'eau, or cultural university campus to accommodate the advanced pursuit of traditional and evolving studies, with support of HILT to recover the Kapoho Wetland and Loko I'a Kalo, returning 11M gallons per day of fresh water to to the Kapoho Loko I'a Kalo and surrounding areas.

*Appendix J*

# Long-term opportunities



## UNIVERSAL CHILD CARE

This proposed pilot will be developed in partnership with DHHC and interested women on Moloka'i, for Moloka'i.

Inspired by Teri Gorman, the intent is to develop women owned co-ops to increase access to home-based childcare, with a sliding fee schedule and food support, providing Moloka'i families with safe, affordable solutions for their keiki. Additional partnerships will be explored to include the local health providers and practitioners for a holistic and inclusive system.



## HEMPCRETE

A small group will continue to meet to explore Hempcrete as a viable product for production, manufacturing, export and use. Hemp production and processing would be a valuable diversification crop, and has the potential to support the building industry, tourism and agriculture.

We are requesting a government, public and private sector task force to explore the importance of investing in an agricultural system with infrastructure to support the community at-large.



## COVID BUSTERS

Recommendation to fund and promote the safety and security of our spaces through active use and communication about sanitation, cleaning and prep services through use of "COVID Busters."

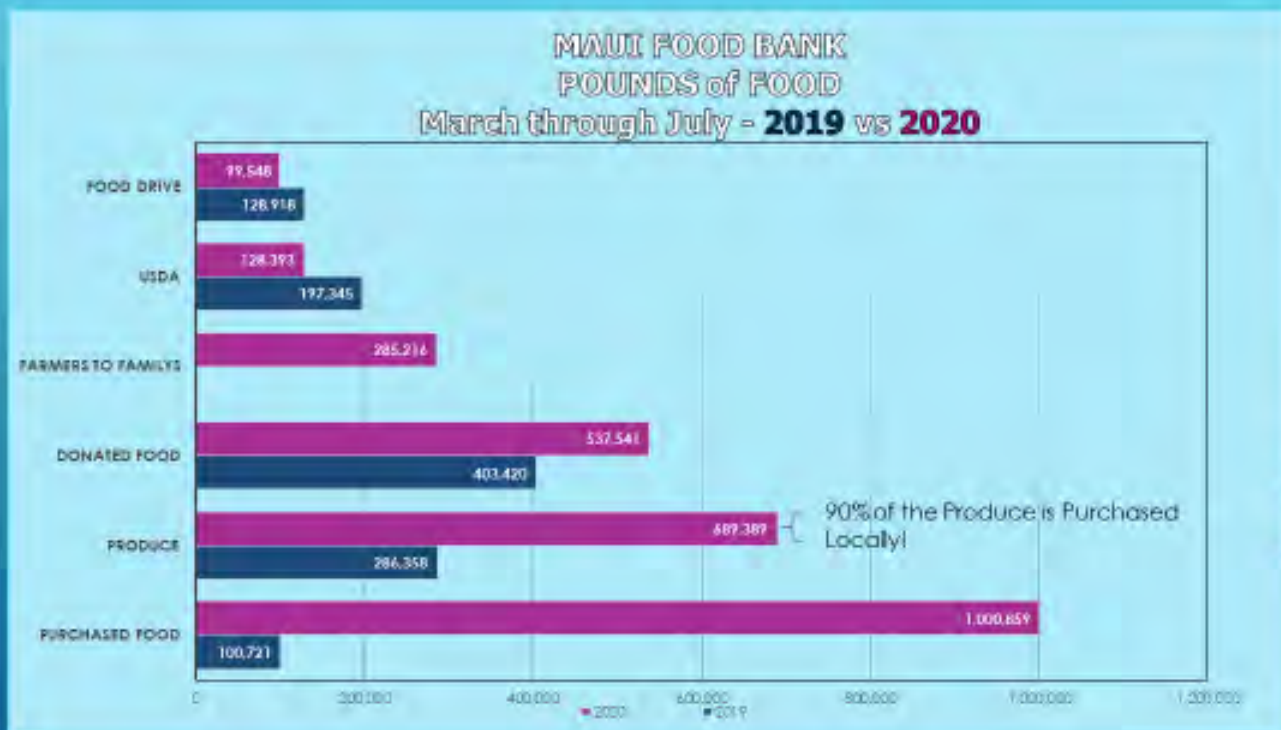
Reassures staff, residents and returning visitors that there is a process and service provider in place to immediately respond and maintain all of our public use spaces.

*Appendix K*

# People Now: Finance & Food

Our non-profits work tirelessly throughout the year to support the needs of our Maui County residents. With the onset of the pandemic we've seen intensified demand for food, financial support and advocacy, childcare assistance, and government program guidance - creating a tsunami of need that has overwhelmed our providers, their staff and their existing resources.

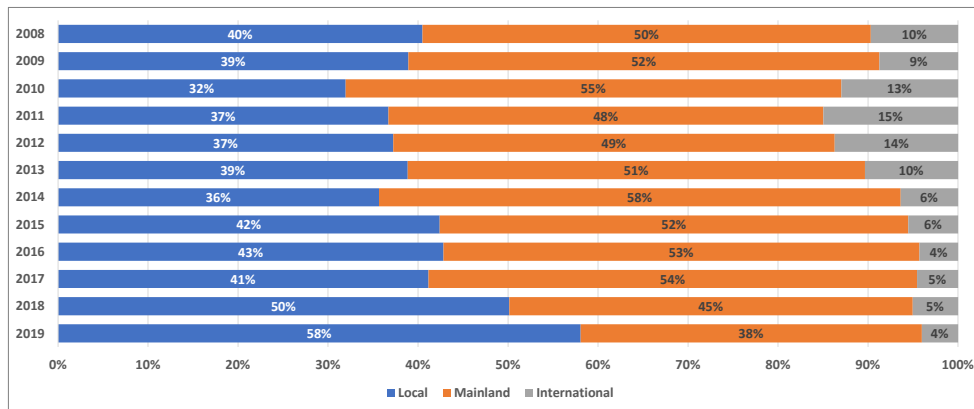
We recommend continued aid and investment to our social service non-profits to protect the health and well-being of our friends, family and neighbors during this time of crises. Entities like: Maui Food Bank, Feed My Sheep, MEO and others have continuously answered the call to serve, and we hope we can support their teams, at their direction, through additional resources to protect from burnout, turnover and over-extension.



# Future Planning: Housing

Housing affordability and availability for local residents is listed as a foundational need in the 2018 Community Health Needs Assessment. While housing instability and the high cost of living are not new issues, the pandemic exacerbated their impact - leading to increased outmigration, loss of shelter, and other socio-economic challenges.

## Share of Maui residential market turnover by buyer origin 2008-2019



Source: DBEDT

## Key indicators: 2020 vs. 2019

2020		Total non-agricultural employment	Construction employment	Building permit value
	Jan	80,200	4,100	\$24,648,925
	Feb	80,200	4,200	\$38,184,053
	Mar	79,500	4,200	\$82,812,476
	Apr	58,600	4,000	\$28,508,396
	May	55,400	4,100	\$25,404,000
<b>2019 monthly average</b>		<b>80,158</b>	<b>4,325</b>	<b>\$40,250,681</b>

Source: DBEDT

## HOUSING & CONSTRUCTION

Given the nature of the industry and the limitations of CARES Act monies, this sector team invited industry experts to share their experience and observation to identify ways to improve. As a result, we learned that:

- Construction jobs have remained consistent throughout this downturn.
- Affordable housing construction is not keeping pace with the need.
- Mayor Victorino created the "Affordable Housing Maui Nui" group to aid projects in navigating the process, as well as a dedicated in-office navigator to clarify the status and requests of pending permits.

As an additional action step, Hawaii Community Foundation (HCF) will support the convening of a developer/builder talk story to prioritize concerns, and offer solutions to improve efficiency and partnership with government, support the creation of more affordable housing, and enable an increased pipeline of qualified, local buyers who have the tools to take advantage of more supply.

# SUMMARY

Over the course of the last thirty days, the #MauiCARES team met multiple times each week, with supplemental research and outreach by team members to develop a comprehensive list of recommendations for the Mayor's consideration. In partnership with members of the Administration, this all-volunteer group enlisted the expertise of non-profit partners to develop proposals believed to offer the highest impact support to our residents.

*It has been a privilege to work alongside these leaders, and I cannot thank them enough for their guidance, generosity of knowledge and most of all their shared commitment to Maui Nui and her people.*

## Today. Tomorrow.

As of this writing, our COVID numbers continue to rise at an alarming rate, and response efforts continue to be evaluated at the state for implementation. The stress of uncertainty, at times, proves to be a more exacting burden than the threat of the virus itself, but the CARES Act monies provide an opening to reset and plan for the difficult road ahead . . . a chance to come together in support of our people, our social service champions, our businesses, our place, and most of all, our culture.

Today, we see the cracks in the foundation we've put off and ignored, and thankfully, we now have space to address them. We can engage our cultural practitioners to help navigate our future course; we can be clear in articulating our priorities to clear the path to opportunity; we can make permanent the revitalization of our environment; and, we can stand side-by-side across sectors to inspire hope for our residents - acknowledging that our fates are shared and intertwined, with a collective response to the needs of every individual and the promotion of their well-being.

The key takeaway from this process, has been that the strength of our community is not seen in traditional metrics, but rather in the health, safety, security, equality and connections that are at its peak when we work together to lift one another up for the benefit of all.

As this recovery promises to be long, and at times, painful, we hope these recommendations can assist the Mayor and his team, to help guide decision-making to strengthen community, and repair our shared foundation for a brighter future.



# Appendix A

## MEETING THE CHILDCARE NEEDS OF MAUI COUNTY FAMILIES IN THE COVID-19 ERA

Maui County Mayor Michael Victorino's  
Economic Resiliency Task Force  
**Draft Recommendations for Meeting Immediate Needs**  
(30-60 Days)

Submitted by Teri Freitas Gorman  
July 30, 2020

## EXECUTIVE SUMMARY

Coronavirus has disrupted everything including commerce, culture, public health, family life, sports, community wellbeing and even education.

The Hawai'i DOE has revealed plans for full or partial distance learning programs to reopen schools while trying to honor CDC's recommendations for physical distancing. The uncertainty for working parents with school-age children is overwhelming. Maui County's pre-pandemic shortage of attainable after-school childcare is now a crisis as parents, teachers and students reluctantly prepare for the delayed start of the 2020-2021 school year.

Working parents of school-aged children (and those seeking work) must balance these priorities:

1. Satisfying their family's need for financial security
2. Protecting the health and safety of their families amidst risks of COVID-19,
3. Supporting the education of their child(ren)

Even under ideal conditions, coordinating mismatched work and school schedules is a challenge, it becomes a nightmare under pandemic conditions because of staggered distance learning schedules and the unpredictable coronavirus itself that can abruptly close a school, or isolate a child under quarantine if exposed or infected. This will cause parents—primarily women—to leave the workforce.

Most children between 6–12 years of age receive afterschool care from someone other than a parent, such as an unpaid relative or neighbor; a paid family associate, or in a homecare group setting or organized afterschool care program. Most families require a combination of more than one of these options. Based on DOE K-6 schools enrollment data, a rough estimate of Maui County children requiring afterschool care during the 2020-2021 school year will be in the range of 1,900 to 2,100. Given Maui County's high rate of unemployment, many adults may be able to serve as home-based babysitters.

The pandemic has also hurt afterschool childcare service providers through lost funding and employees. They are also faced by a shortage of facilities and space on school campuses due to CDC guidelines for physical distancing. Children in distance learning programs will require training beyond "babysitting" and needed transportation makes the situation more complicated. Cross-sector collaboration, led by Maui County, will be needed to overcome these problems.

Given the urgency and financial state of Maui's working families, the County should pursue the path of least bureaucratic resistance to launch this program as soon as possible. Childcare must be subsidized as much as possible with CARES Act funding. Given the complex problems facing working parents, it is essential they have one point of contact, supported by a robust multi-dimensional communications and promotional campaign.

## INTRODUCTION

***“He lei pōina ‘ole ke keiki: A lei never forgotten is the beloved child<sup>1</sup>.”***

Even as these recommendations were being written, the Hawai‘i Department of Education (DOE) was awaiting a Board of Education decision to delay the start of the 2020-2021 school year due to health concerns of teachers, parents, school administrators and support workers. On July 30, 2020, the Board confirmed that Hawai‘i is not yet ready to send its children back to school despite growing pressure to do so.

School systems across the nation are announcing plans for full or partial distance learning programs to reopen schools while trying to honor the CDC’s recommendations for physical distancing. Solutions range from alternating students’ days in class and at home; some will attend class on campus full time and others will use distance learning at home full time. There are also variations of hybrid solutions

The uncertainty for working parents with school-age children is overwhelming. They worry about the availability and cost of childcare to ensure their children are in a safe learning environment while they are at work. The lack of clarity is a source of growing stress and anxiety for all involved. Pre-pandemic, Maui County had a shortage of options for attainable after-school childcare. Unfortunately, the pandemic has exacerbated that into a childcare crisis.

This working paper includes an overview of key challenges facing both parents and providers of after-school childcare programs as they struggle to innovate to ensure school-aged children are safe, supervised, and able continue their education during this unprecedented, and indefinite, pandemic.

This paper also presents a cursory needs analysis and suggested strategies that could better support both families and childcare providers in Maui County. Given the Task Force’s limited time for research and development, these suggestions are designed to meet immediate needs within 30-60 days to help mitigate a crisis situation.

A more thoughtful, tactical approach is required beyond the first 4-8 weeks of school and a much more comprehensive, strategic approach will be needed for the longer term.

Finally, this paper only addresses afterschool care for school aged children (roughly ages 5 through 17). Maui County’s Office of Housing & Human Concerns has a much better grasp on fulfilling the needs of families with pre-school aged children.

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<sup>1</sup> *Ōlelo No‘eau*, Hawaiian Proverbs & Poetical Sayings #740, Mary Kawena Pukui, Bishop Museum Press, 1983



## **SITUATION ANALYSIS**

### **An Uncertain Future for Maui County Families with School-Aged Children**

Maui County public schools struggle to cope with fluctuating levels of COVID-19 infection while adjusting to disruptions due to plans for full-time or partial distance learning. Working parents with pre-schoolers and school-age children (and those seeking work after becoming unemployed during the pandemic) must balance three priorities:

4. Satisfying their family's need for financial security
5. Protecting the health and safety of their families amidst risks of COVID-19,
6. Supporting the education of their child(ren)

After-school programs, childcare providers, and/or other caregivers must be both available and affordable, to care for children and supervise their distance learning while parents are working. To compound the complexity, parents must make these decisions with several unknowns, including mixed messages from health, education and government officials, an uncertain economic future and under unpredictable conditions that could suddenly change with little or no warning.

Reduced family incomes also create serious financial constraints for the entire childcare sector--from family babysitters to afterschool programs to childcare centers. Helping parents to balance work, ensure their family's health and safety to tend to their child(ren)'s education is foundational to Maui County's economic recovery. These recommendations have been developed as suggestions for "immediate first-aid" to support Family Wellbeing as a key priority of the Mayor's Economic Resiliency Task Force.

### **Areas of Focus**

This paper attempts to explain the severity of challenges faced by parents and after-school childcare providers at this stage of the pandemic. The main areas of focus are:

1. Understanding the Context
2. Quantification of Need
3. Availability of Services
4. Cross-system coordination and collaboration
5. Affordability
6. Program framework
7. Funding sources
8. Creative strategies for consideration

## UNDERSTANDING THE CONTEXT

### **Schools Must Adapt Immediately**

Most DOE plans for the 2020–21 school year feature some type of distance learning to accommodate CDC guidelines for physical distancing. Many schools are suggesting hybrid approaches where students attend school some of the time and learn remotely some of the time (alternating days, or parts of days). Even in the case of part-time in-person attendance, parents face a possible sudden shift to full-time distance learning in the case of school infection or a quarantine due to family exposure or infection. With a planned return of tourism, a rapid spread of COVID-19 could mean schools must suddenly pivot to distance learning full-time later in the year.

Working parents (primarily women) must find adequate supervision and learning options for their children or leave their jobs. Options for affordable childcare in Maui County are limited during the best of times. Uncertainty of employment and fluctuating school and/or work schedules create extra challenges for working parents. They must secure reliable help while remaining flexible enough to respond to changing conditions.

Schools primarily deliver education, but they also offer a supervised, safe environment for young children. Parents of school-aged children are more likely to work than parents of younger children. In 2019, 76 percent of American mothers whose youngest child was between the ages of 6 and 17 were employed; 80 percent of them were employed full time. Rates are even higher for fathers: 92 percent were employed and of those, 96 percent worked full time.<sup>2</sup>

Parents of children with health conditions and multigenerational families living with kūpuna face additional concerns. Increased risk from COVID-19 exposure, require them to make difficult trade-offs.

### **Distance Learning Creates Gaps in Supervision and Uncertainty in Education**

Under ideal conditions, coordinating mismatched work and school schedules is a challenge, but during COVID-19 it is a nightmare for these reasons:

- FT employees work about 41 hours/week and commute about 2.5 hours/week so require about 43.5 hours/week of supervision for their children.
- When schools operate normally, children are in the classroom about 30 hours per week, so parents who work full-time require supplementary childcare for an average of 13.5 hours/week
- Schools with hybrid distance learning plans plan to supervise children at school half time requiring working parents to secure childcare for 28.5 hours/week; roughly double the time needed pre-pandemic
- Sudden school closures due to contamination, infection, or quarantine, or a sudden pivot to full-time distance learning due to high community infection rates, mean that even parents who begin the school year with sufficient childcare will face a crisis.

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<sup>2</sup> Press Release: *Employment Characteristics of Families—2019*, Bureau of Labor Statistics, July 21, 2020

- Any child thought to be exposed to COVID-19, won't be able to be with other children, creating a significant need for at-home caregiving options.
- During pre-pandemic, years, sick children may well have gone to school with a cough, or stayed home a day or two with a fever, but COVID-19 risks will mandate children stay home longer, creating additional challenges for working parents.
- It is impossible to accurately estimate costs associated with a complex matrix of uncertainties including types and locations of available childcare, how much providers will charge, what parents can afford, and the extent of afterschool care parents will actually use. National estimates suggest that parents who paid for afterschool care pre-pandemic could easily face a doubling or tripling of their childcare needs and costs<sup>3</sup>.

### **Matrix of After-School Childcare Options**

The 2012 National Survey of Early Care and Education (NSECE)<sup>4</sup>, found that most children between the ages 6–12 were regularly cared for by someone other than a parent

- 52 percent were cared for by an unpaid adult—relative, friend, or neighbor at least partially
- 15 percent received care from a family associate paid to care for the children
- 8 percent received care in a home setting by a paid childcare provider or nanny
- 40 percent received care in some form of organized childcare or after-school program in schools or through community programs.

(These percentages exceed 100 because children often need more than one form of care)

### **Pandemic Effects on Service Providers**

Before and after-school programs and caregivers that provided pre-pandemic care and learning activities are facing a perfect storm too. These include:

- significant funding losses
- shortage of facilities and physical space in schools
- lack of supplementary facilities (and funding) outside of schools
- increased cost of new health and safety requirements
- strict limitations on group size
- shifting demands due to parental job loss and/or reduced family income
- social distancing requirements when transportation is needed
- loss of trained staff due to concerns about COVID exposure
- recruiting and training staff willing and able to meet new demands

### **A Missing Link to Schools**

Another major issue is the training, materials, technology, ability to communicate with teachers, parents and other resources needed to support children's ability to participate in their school's distance learning activities. Although most after-school providers and caregivers likely assist

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<sup>3</sup> *National Survey of Early Care and Education Project Team, Early Care and Education Usage and Households' Out-of-Pocket Costs, Report 2016-09 (Washington, DC: US Department of Health and Human Services, Administration for Children and Families, Office of Planning, Research, and Evaluation, 2016).*

<sup>4</sup> *2012 National Survey of Early Care & Education, NORC at the University of Chicago*

children with homework, they are neither trained nor qualified to support distance learning curriculum. Childcare providers lack sufficient training, hardware, internet access, technological resources, and access to educators, special needs experts, etc.

### **Implications for Maui County**

Failure to respond to these needs will be problematic for parents and children, after-school childcare providers, schools, employers, and the wider economy. Women will be most likely to drop out of the workforce to care for children, reducing the family's financial wellbeing. Single parents will have an especially painful choice between work and caring for children.

Parents who can't secure affordable childcare *and* can't leave their jobs, may be forced to resort to leaving young children unsupervised, or in the care of an older, ill-equipped sibling. Children without an adult at home are much less likely to engage in distance learning and will likely fall behind in their education. Unsupervised children are also more likely to engage in risky behavior.

## **QUANTIFICATION OF NEED**

### **Unemployment Will Likely Reduce Demand for Childcare**

Many parents will continue to depend upon a range of childcare options when school reopens, but higher rates of unemployment mean that a parent, trusted relative, neighbor or friend will be more available to provide home-based care. Additionally concerns about health risks to children in group settings and a need for flexibility in a hybrid distance learning scheme mean that home-based settings will be favored by many. Finally, if a child is ill or must be quarantined, and their parent must go to work, the only workable solution is home-based childcare.

### **Maui County School-Aged Students Needing Care**

Nationally, it is estimated that 26 percent<sup>5</sup> of children aged 5-12 typically use after-school care. Given DOE enrollment in Maui County schools approximately 2,760 students would need after-school supervision under normal circumstances. Given Maui County's high rate of unemployment estimated at 22.5 percent,<sup>6</sup> more adults will likely be available to provide in-home childcare throughout the first 3-4 months of the school year. A rough estimate of Maui County children requiring afterschool care during the 2020-2021 school year will likely be in the range of **1,900 to 2,100**. (Appendix 1: K-6 enrollment Maui County Schools by grade).

## **AVAILABILITY OF SERVICES**

This section is not intended to provide a comprehensive collection of all childcare options available to parents of school-aged children, but it does include the largest service providers and an overview of their programs and capacity.

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<sup>5</sup> After School Alliance, "America After 3 pm, After-School Study, 2014

<sup>6</sup> *Maui News*, Colleen Uechi, "Maui County jobless rates improve while still highest in the state," July 17, 2020

## **Maui County After-School Program Providers**

### A+ Program-Kama'aina Kids Program

- During 2020-2021 school year, can accommodate up to 20 percent of total enrollment at DOE schools
- Pricing- Unsubsidized monthly tuition \$120/month/child + processing fee

### YMCA Childcare Program

Services: Full-day, weeklong, childcare, Monday – Friday, 7:30am to 5:30pm

- Ages 5 years – 12 years
- Pricing TBD

Extend current childcare locations through the end of August:

- Eddie Tam Gymnasium – 80 children
- South Maui Community Park Gymnasium – 200 children
- War Memorial Gymnasium -200 children
- Additional sites in Lahaina and Moloka'i under consideration

Researching Options for Distance Learning on Out of School Days

- County facilities or hotel ballrooms may serve as virtual classrooms
- Families provide laptops and/or supplemented with donations or CARES Act funding
- Spectrum to discount or donate high speed internet at the gym sites

Undetermined:

- Transportation between schools and “virtual classrooms”
- Qualifications required for staff to oversee Distance Learning

Childcare Plan for In-School Days

YMCA plans to provide its traditional after school programs at the following sites:

- Pu'u Kukui Elementary – TBD by principal
- Pomaikai Elementary – 56 children
- Lihikai Elementary TBD by principal
- Haiku Elementary – TBD by principal
- Kihei Elementary – 58 children
- Price TBD by Department of Education

Other Optional Services for After School Care

- Provide tents at the school sites to accommodate more children on campus. TBD by DOE
- Transportation to Out of School Day Sites, TBD by Maui County
- Additional meeting areas in schools to accommodate physical distancing needs, TBD by DOE

Additional Considerations

- Capacity limitations for reopening of elementary schools
- Distance learning/in class learning may differ between schools
- Hybrid models see most children in class only two of five days per week
- Truancy may increase due to the insufficient childcare options and lack of supervision
- Ages served: 9-17

### Boys & Girls Club of Maui

- Locations on Maui island: Kahului, Lahaina, Makawao, Haiku, Paukukalo, South Maui (Kihei Elementary & Lokelani Intermediate)
- Serves ages 9-17
- Hours of operation: 2 pm to 6 pm
- Serves 2,200 members (additional through outreach)
- Maintain 1:9 staff to youth ratio and enforce physical distancing per CDC guidelines
- Provides safe afterschool supervision for children to do homework, learn, have fun
- Price- Free. (Membership fee of \$5 per year was waived as of April 1, 2020)

### Virtual Programs:

- Began April 1st. Full program of interactive/virtual activities from 2 to 6pm every weekday.
- Parents working from home were able to keep their children occupied without leaving the house.
- Members enjoyed safe necessary social interaction with peers
- Staff developed virtual curriculum with youth using zoom technology; programs included fitness, Hawaiian culture, art programs, virtual tours and more
- Worked with TPH to research software that doesn't require internet and pre-loaded laptops with Kolibri software for students without internet access to continue learning.
- Distributed Chromebooks to youth (including those living at Ka Hale A Ke Ola homeless center) who needed a device to participate in BGCM virtual clubhouse time and/or virtual schooling.

### Coronavirus Precautions

- Facilities feature visual supports to reinforce social distancing, hand washing, and mask-wearing such as: spacing tables 6 feet apart, using floor decals in common line-up areas, adding bottle filling stations, and eating lunches outdoors.
- Staff clean and sanitize high-touch areas on a regular basis. P/T cleaners supplement staff efforts to maintain sanitization standards.
- All clubs have a "Wellness Room" in case of staff or youth member illness to physically isolate from the group.
- Check-in process includes temperature check and wellness screening. Any and all persons who enter the club or interact with staff are recorded to allow contact tracing if needed.

### Considerations:

- Difficult to organize programs with schools making different plans and using hybrid schedules for distance learning
- Prefer to retain reservation system and maintain staff to youth ratio of 1:9 (youth may "graduate" into the larger group after demonstrating adherence to rules without reminders.
- If program reverts to "drop-ins," maintain screening process and limit capacity. Contingency plan required for youth who arrive after capacity limit is met.
- Increase outdoor facilities/activities and supply individual materials for each child to reduce the amount of sharing.
- Incentivize staff financially to help with hiring and boost employee morale.
- How to determine which youth are selected for a reserved spot in afterschool?

- How to shift to “full-day programming” for those on “out-of-school” days?
- How to accommodate the afterschool program with full-day programming; limited facility capacity and increased costs of staffing.
- Extended day programming will likely incur increased staffing costs.
- How to conduct temperature checks / health screenings if youth arrive on busses and are not being checked in by parents?
- How to fund and provide snack service for full-day programs?
- Provision of technology and services needed for “out-of-school” distance learning days

#### PATCH (People Attentive to Children)-Coordinating Entity

PATCH is a community service organization dedicated to supporting Hawaii’s childcare needs. We help families find the right childcare and offer FREE resources on choosing and paying for childcare, child development, parenting, becoming a childcare provider and other useful resources.

## **CROSS-SYSTEM COORDINATION & COLLABORATION**

### **Helping Parents Navigate a Tangled Maze**

Even within this small, special-purpose Task Force, we are faced with siloed information from DOE, the State of Hawaii, County of Maui services, service providers, private funders and more. It is inefficient and much too complicated for working parents to navigate the maze of options. Given the complexity that parents will face when school re-opens, they must have **one point of contact** for direction and help.

While most government agencies are typically designed to serve the needs of the system, to succeed, this childcare program must be engineered to serve the needs of working parents. The needs of participating agencies and organizations are secondary.

### **Recommended Program Oversight**

Lead Agencies: Maui County Department of Housing and Human Concerns  
& Department of Finance (CARES Act administrator) PATCH-parent facing

State agencies: DOE & DOH decision makers on Maui

#### Collaborators:

- Kama’aina Kids, A+ Program
- Boys & Girls Clubs of Maui
- YMCA
- Moloka’i and Lana’i representation
- Classroom teacher(s)
- Representative of Maui County In-Home Childcare Providers
- Representative of Mayor’s Economic Resiliency Task Force
- Special needs childcare provider
- Bus Transportation provider (MEO or private provider)
- Maui Resorts (MLHA or decision makers from major resorts)
- Others TBD

**Priorities for the Oversight Group:**

1. Assess and quantify gaps in afterschool care service delivery
2. Identify needs for supplementary facility needs
3. Identify staffing requirements, numbers, levels of qualifications and training
4. Identify underused facilities and alternatives (tents, unused retail space, etc.)
5. Connect schools with providers to determine distance learning support, technology needs and communications about sudden school closures, etc
6. Coordinate data collection across school and childcare settings on COVID infection rates closures and quarantine, testing, etc.
7. Map funding sources and gaps and coordinate blending of funds to avoid duplication
8. Establish consistent guidance on COVID health and safety guidelines.
9. Identify needs of teachers, nonparental caregivers, and childcare program staff to have proper health insurance, access to testing, and paid leave to ensure no loss of income due to COVID exposure or infection

**AFFORDABILITY****Fast & Feasible**

1. Suggest a feasibility analysis of a temporary County-administered childcare voucher system that would allow parents to select the right childcare option for their particular situation. Vouchers can be redeemed with Maui County for payment by any afterschool care program including nonprofit providers, home-based group childcare providers, off-campus care centers, or in-home caregivers (babysitters, nannies) etc.
2. Another approach may be for the County to fully fund all of these programs at the service-provider level through grants of CARES Act funds, to provide all services at no cost to parents. This may require a few nonprofit organizations to serve as grant administrators and to contract home-based care centers and in-home care providers as administrators.

The urgency of need precludes the usual qualifications for public assistance. To deliver services to those with the most need, those with no need must receive the same level of support. However, this disparity may be offset by a request for “voluntary contributions” to participating nonprofits from families with the financial means to help

The goal is to launch as soon as possible. The path of least bureaucratic resistance is the one to pursue.



## **PROGRAM FRAMEWORK**

### **Understanding Needed Infrastructure**

The most efficient way to “build the road while driving” is to ask Maui County childcare providers to quantify their capabilities right now.

- How many children can they serve? Specific numbers at specific locations
- How many more could they serve with more resources?
- Where are the gaps in service? Why?
- What resources are needed to serve more children in more locations?
- What are staffing needs: recruitment, training, certifications, payroll impacts?
- How will the work get done?
- Are there new creative solutions worth exploring?
- What do schools and parents need to ensure students in Distance Learning programs succeed?
- How to provide health & safety requirement including PPE, sanitation, physical distancing and “safe spaces” for those who may be exposed or infected by COVID.

## **BUDGETING & FUNDING CONSIDERATIONS**

Maui County’s Department Housing & Human Concerns is much better equipped to estimate required revenue to deliver the afterschool childcare services described in the paper. But we are certain that even during the early emergency mitigation phase, these initiatives will require significant levels of funding. To meet the urgency for families and schools, funding must be direct, immediate, flexible, and designed to be allocated to support services swiftly.

This initiative is directly tied to children’s education, health and safety and therefore must be a top priority. In addition to Cares Act funding, investments should come from: education, social services/childcare, public health, private foundations, and NGOs with missions that match these efforts. Maui County’s Department of Housing & Human Concerns is the best source for procuring grant funding, but participating nonprofits may be able to secure additional funds.

Because school and childcare allow parents to return to work, and contribute to the County’s economic recovery, support from the private sector may also be an option through donations of in-kind goods and services, sponsorship and program underwriting. A private sector entity (Chambers of Commerce) may be willing to procure support from local businesses or assist in other ways

## **CREATIVE SOLUTIONS FOR CONSIDERATION**

### **Staffing Sources**

Due to high unemployment and an uneven restart of tourism, a potentially large temporary workforce may be available to be hired in a variety of childcare settings. To attract and retain them, these workers must be properly compensated for increased risk and responsibility for ensuring health and safety standards are met for all participants in every setting. Home-based care networks, resort keiki camps, student teachers, unemployed housekeepers, groundskeepers, janitors may all be good sources of temporary or permanent staff needed to establish these initiatives.

### **Recruitment**

The primary recruitment tool should be the County's new job board:

<https://mauicountyvirtualjobfair.com/>

### **Income for Non-Traditional Teachers for Curriculum Enrichment**

Visual and performing artists could contract to deliver specific instruction to children in afterschool programs in or group childcare settings. The Maui Arts & Cultural Center can be contracted to provide sufficient training for becoming a "teaching artist" to provide revenue for all participants and an enriching experience for children. Similar programs for Hawaiian cultural practitioners, unemployed chefs, etc. can get local economic juices flowing while providing those who have lost their livelihoods with a sense of contribution and purpose.

### **Training and Technical Assistance Funding**

Those caring for school-aged children during distance learning sessions will require specialized training to support the work of classroom teachers. Funding for this training may come through government grants, private foundations or others that support youth education. UH Maui College's Early Childhood Education program may be a good source for these specialized "student teacher/childcare providers" who could gain practical experience while earning money.

### **Child Food & Nutrition Programs**

During a normal school year, school-age children's nutritional needs are met by the National School Lunch Program (NSLP) or School Breakfast Program (SBP), run by the Food and Nutrition Service (FNS) at the US Department of Agriculture.

After-school programs, licensed childcare centers, and licensed family childcare homes can also participate in the Child and Adult Care Food Program (CACFP) to provide school-age children with snacks or a meal. During the pandemic, the FNS provided waivers to allow schools and childcare programs to provide meals in a variety of other ways due to school closures, including safe "grab and go" meals. Sufficient nutrition is a serious consideration in this weak economic environment.

### **Communications**

The sheer complexity of this initiative requires extreme simplicity to communicate it.

At the heart of this initiative must be an EASY TO NAVIGATE website with content designed for parents with children in multiple levels of education with varied cultural backgrounds. In addition, the coordinating agency (PATCH) will require sufficient staffing to manage telephone inquiries in multiple languages.

### **Publicity & Promotion**

Recommend publicity is delivered through a multi-media approach using a combination of free editorial coverage (media releases, press conferences, etc), informative written collateral, an aggressive social media campaign AND paid advertising in Maui County media including print, online, radio and television.

Most Maui County media outlets are under financial duress due to the abrupt loss of advertising revenue from restaurants, bars, entertainment venues, community and arts events. They should be compensated for their help with informing all stakeholders. Recommend the County of Maui engage an advertising/PR agency to coordinate and execute the publicity program

## **CONCLUSION**

The Mayor's Economic Resiliency Task Force convened for its first meeting on July 8, 2020--- less than four weeks ago. Subject-specific volunteers in working groups have been "meeting" virtually online and communicating via email and phone calls while working at their "day jobs" often within a challenging and shifting business environment.

This paper is a collection of hasty research and cursory data linked to ideas and conversations shared over the the past few weeks. The Task Force is operating in a rapidly changing and ambiguous environment.

This paper is not intended to serve as a comprehensive analysis of childcare needs for school-aged children in Maui County during the 2020-2021 school year. My intent is to present some possible, workable solutions for parents and children trying to cope with this cruel and unexpected health crisis.

Hawai'i has not suffered in this way since 10,000 Hawaiians died during the measles, whooping cough and influenza epidemic in 1848-1849. The County of Maui can help ease the suffering of today's families with timely implementation of a childcare solution that allows moms and dads to return to work and kids to return to school.

APPENDIX 1

HAWAII DOE K-6 ENROLLMENT BY GRADE 2019-2020 FOR MAUI COUNTY									
BALDWIN-KEKAULIKE COMPLEX-MAUI									
GRADE	K	1	2	3	4	5	6		
401 Haiku Elem	60	67	76	68	61	69	0		
404 Iao Int	0	0	0	0	0	0	309		
405 Kahului Elem	144	140	159	136	168	123	0		
431 Kamalii Elem	75	73	80	77	68	57	0		
409 Kihei Elem	108	104	119	123	110	82	0		
412 Kula Elem	60	81	73	78	59	55	0		
416 Lihikai Elem	125	143	138	127	141	106	0		
430 Lokelani Int	0	0	0	0	0	0	141		
417 Makawao Elem	74	85	95	105	65	54	0		
428 Maui Waena Int	0	0	0	0	0	0	384		
422 Paia Elem	67	81	67	62	62	37	0		
433 Pomaikai Elem	92	110	93	86	110	73	0		
426 Pukalani Elem	76	57	62	72	59	44	0		
436 Puu Kukui Elem	123	119	107	119	119	100	0		
424 Waihee Elem	85	88	105	102	95	77	0		
425 Wailuku Elem	89	106	102	97	102	84	0		
<b>TOTALS</b>	<b>1178</b>	<b>1254</b>	<b>1276</b>	<b>1252</b>	<b>1219</b>	<b>961</b>	<b>1124</b>		

HANA-LAHAINALUNA-MOLOKAI-LANAI COMPLEX									
GRADE	K	1	2	3	4	5	6		
402 Hana High & Elem	27	28	28	21	28	28	16		
406 Kamehameha III Elem	105	110	114	129	103	102	0		
407 Kaunakakai Elem	42	38	41	34	34	21	42		
410 Kilohana Elem	9	8	7	10	15	5	9		
413 Lahaina Int	0	0	0	0	0	0	199		
415 Lanai High & Elem	47	35	43	35	45	30	52		
419 Maunaloa Elem	5	5	6	1	7	2	4		
429 Nahienaena Elem	115	111	101	110	108	135	0		
<b>TOTALS</b>	<b>350</b>	<b>335</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>323</b>	<b>322</b>		

CHARTER SCHOOLS									
561 Hawaii Academy of Arts & Scie	34	52	31	51	37	35	47		
554 Kihei Charter School	23	23	23	21	41	39	89		

TOTAL BY ISLAND PER GRADE									
ISLAND	K	1	2	3	4	5	6	TOTAL	Need Care
Maui	1425	1503	1519	1512	1458	1226	1339	9982	2595
Moloka'i	56	51	52	45	56	28	55	343	89
Lana'i	47	35	43	35	45	30	52	287	75
<b>TOTALS</b>	<b>1528</b>	<b>1589</b>	<b>1614</b>	<b>1592</b>	<b>1559</b>	<b>1284</b>	<b>1446</b>		

26% of HAWAII STUDENTS PARTICIPATE IN AFTER-SCHOOL CARE*							
Estimated need=26%	397.28	413.14	419.64	413.92	405.34	333.84	375.96
Estimated need=30%	458.4	476.7	484.2	477.6	467.7	385.2	433.8
Estimated need=20%	305.6	317.8	322.8	318.4	311.8	256.8	289.2
Estimated need=18%	275	286	291	287	281	231	260

Maui County Need-DOE	
2759	Normal
3184	High
2122	Low
1910	Very Low

Source: \* 2014 Study: America After School Study, After-School Alliance

# Appendix B



## **East Maui Improvement Project**

*July 17, 2020*

We are excited to present this proposal to you for the East Maui Improvement Project. This draft proposal is being presented as a starting point. We will discuss further to accommodate any additional specific requirements you may have.

We are confident that we can provide a uniform platform solution that will help East Maui achieve these goals:

- Better managed and improved traffic
- More revenues for East Maui businesses
- Enhanced user experience for customers

### **Objectives**

- Provide a unified platform for various constituents in the East Maui area
- Integration of various reservation systems, including the State Park reservation system
- Assess and improve East Maui road flow
- Identify business revenue opportunities for East Maui community
- Provide additional revenue opportunities
- Manage credit card transactions
- Provide user friendly experiences for visitors using Smart Phone apps
- Capture visitor data for future analysis

### **Scope of Work**

We will provide:

- Research integration opportunities for a unified system
- Analysis and blueprint for East Maui revenue opportunities

- Additional reservations systems concepts for other parks & facilities beyond the State Park (Wai'anapanapa State Park)
- Assistance in creating the roadmap of the developments and implementations
- Blueprint of initial development phases
- Management those development phases according to budget
- Data generation and data capture for ongoing enhancements

### **My Role**

As consultant, I will provide the following:

- Research & assessment of the current state
- Interviews of constituents for pertinent analysis
- Project Blueprint
- Project Roadmap
- Project specifications
- Project management
- Team management
- Internal communications plan and all internal communications

### **Investment / Timeline**

Below is the investment and timeline of this project:

#### ***Phase 1: Blueprint & Roadmap (Month 1 - 3)***

During this phase, I will work with your team to;

- a) communicate with constituents in order to identify opportunities
- b) research and identify potential solutions for a unified system
- c) create solution recommendations and road map for the first three years of the implementation
- d) provide the blueprint document for the first year's development phases

Investment: \$45,000

#### ***Phase 2: Implementations & Development (Month 4 - 11)***

During Phase 2, we will actually move into development . Depending on the Phase 1 Blueprint, the actual implementation phase may be divided into 2 ~ 3 phases to ensure the quality of each phase.

Investment: \$110,000 ~ \$125,000

***Phase 3: Review of the blueprint and roadmap (Month 12)***

We will review the progress of our development and implementation plans against our original blueprint and roadmap, and produce the document for the next milestones accordingly.

Investment: \$7,500

**Terms and Conditions**

We will divide the estimated total project amount into 4 or 5 week cycles at the beginning of each phase. For Phase 1 project fee (\$45,000), the client will be invoiced as below:

- 40% At the beginning of Phase 1, due immediately
- 20% After 4 weeks from the beginning of the phase, due on Net 30 days
- 20% After 8 weeks from the beginning of the phase, due on Net 30 days
- 20% Upon the delivery of the scope document, due on Net 30 days

For Phase 2 ~ 3, we will divide the final estimate amounts in to 4 - 5 week cycles with at the beginning of each phase.

# Appendix C

## **Hawaiian Cultural Training Program for Businesses, Residents, Newcomers & Visitors**

### Purpose

Use COVID-19 Distance Learning training funds to accomplish something that has been discussed for decades – the creation of Hawaiian training curriculum by Hawaiian practitioners in an authentic voice, using digital media and existing resources, to help visitors, businesses and residents embrace and perpetuate Hawaiian culture. Over the years, different groups have created content for their own purposes and recently the visitor industry has come out with two connected marketing campaigns to educate visitors – the Kuleana and Rooted campaigns.

This program seeks to connect existing and new content to deliver and digital training programs that could be offered on-line and in various media at different levels – from pure education to industry training certifications, marketing and more – to prepare for the reopening of our visitor industry and share how the industry has been revamped, increase the understanding and perpetuation of our host culture, give workers new skills, better market the visitor industry, and educate our guests about Maui County and the things we hold dear with the hope that if they understand, they will respect and care for our islands.

### Digital Content Areas

- Aloha Spirit
- Culture (Art, Crafts, Fishing, Food, Hula, Music, Surfing, Tattoo Designs, etc.)
- History
  - Historical & Sacred Sites
- Land Management
- Language (Proper Use & Pronunciation, Common Words & Phrases, more)
- Legends
- Protecting and Respecting the Environment
- Safety
- Sense of Place (Maui, Molokai, Lanai)
- Types of Visitor Experiences Offered (Adventure, Ag, Eco, Edu-tourism, etc.)

### Uses & Benefits

- Leverage the funds to support bringing back the visitor industry, our economic engine, while building capacity in the creative industries which are considered a key area for economic diversification
- Train new (giving dislocated workers new skills) and retrain existing workers for the new visitor industry that will emerge after COVID-19
- Support creative industry businesses and give them new opportunities and experiences in developing digital curriculum
- Support Hawaiian practitioners during this time when their work may also have been reduced by far fewer weddings, blessings, classes, gatherings, etc.
- Leverage content created for multiple purposes – business, resident and visitor education; educational and marketing materials for the visitor industry
- Increase perpetuation of our host culture



- Increase resident’s positive sentiments about the visitor industry

#### Program Development

- Survey businesses on their interest in such training, particularly if provided for Free through COVID-19 funds
- Identify Hawaii cultural practioners interested in participating in the training
- Develop a repository of existing resources, including existing curriculum
- Create comprehensive curriculum
- Determine the level of digital media content required
- Create the digital media elements to be incorporated with other existing content
- Finalize the curriculum
- Leverage segments of the curriculum to repurpose for key visitor industry messages and training to be uses on the airlines, in the airports, on promotional trips, in commercials and social media, etc.
- Market the training program to local residents & businesses
- Train 200 residents
- Use Visitor industry segments in marketing and social media
- Survey all program participants and their managers/business owners to get their thoughts on the value of the program to individuals and businesses.
- Continue to add to the content
- Track and report on numbers trained and survey responses
- Track and report on visitor industry marketing and results from content provided by this program
- Periodically survey past trainees to assess if the perpetuation of Hawaiian culture has increased in their lives and workplace.

#### Outputs

- Number of Native Hawaiians who participated in curriculum creation/review/edit
- Number of Native Hawaiians who participated in providing education
- Number of Native Hawaiians who were participants in the program
- Number of overall participants in the program
- Number of changes made to enhance the curriculum
- Participants ratings on the curriculum in the program
- Businesses impacted by training program
- Number and variety of visitor industry materials created
- How and number of times each advertising segment was used
- Results advertising repeses reported – number of views, actions, etc.

#### Outcomes

- Help perpetuate Hawaiian culture through curriculum
- Expand cultural practices in new arenas throughout Maui County (businesses)
- Trainers able to showcase their knowledge and expertise while getting a financial incentive to share their culture with participants

- Participants will have increased knowledge of Hawaiian culture and practices
- Curriculum will stay relevant and refined as a result of adjustments
- Businesses will see improvement in workplace values
- Qualitative Reporting Information Participant surveys on curriculum content and overall training
- Survey information on ethnicity of participants
- Business surveys on value of program
- Quiz scores from classes
- Percentage of participants who completed program-reasons for not completing program
- Visitors better informed about Maui County
- Visitors receiving messages the community wants them to hear and understand
- Visitors being more safe and better protecting our environment

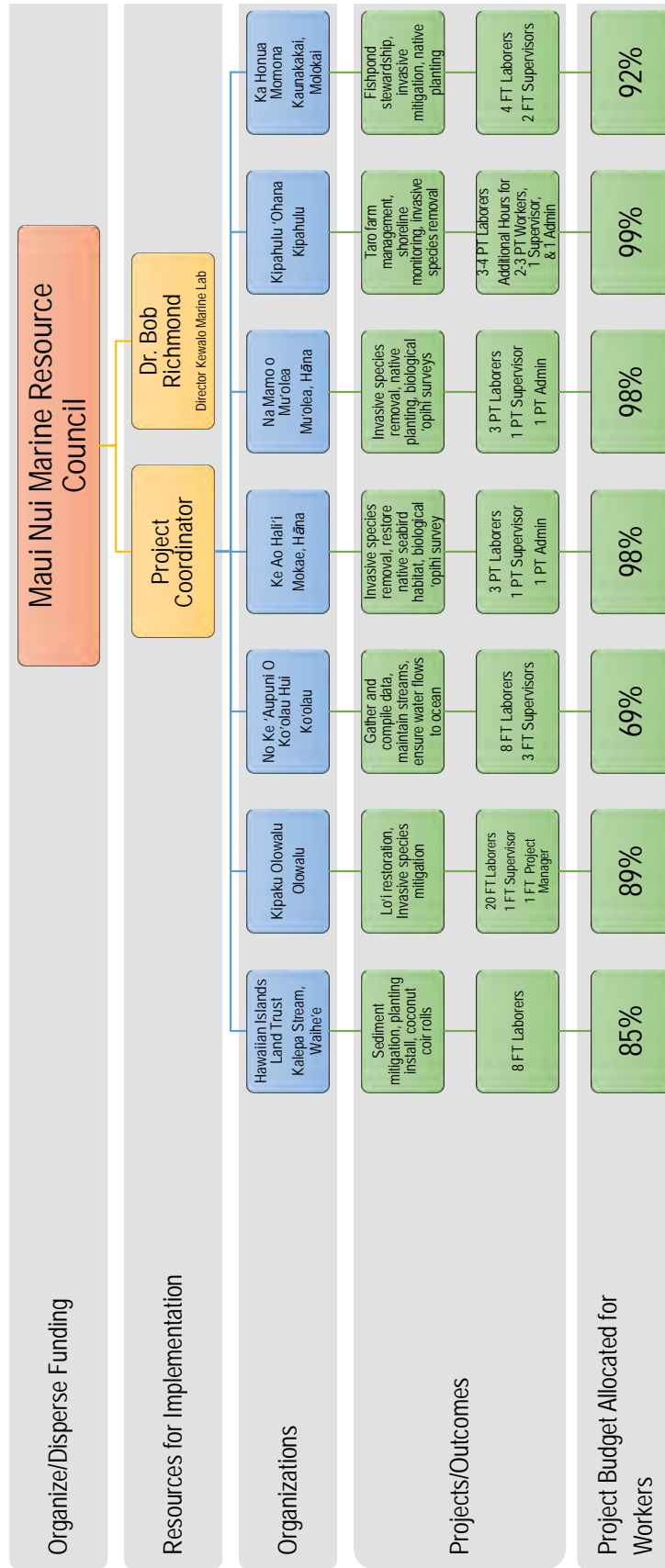
Possible Partners

- Cultural Resource People on Maui, Molokai & Lanai
- Hawaii Tourism Authority
- Hawaii Visitors & Convention Bureau
- Maui Visitors Bureau
- Office of Hawaiian Affairs
- Native Hawaiian Hospitality Association
- Kamehameha Schools
- Dept. of Business, Economic Development & Tourism
- Maui Chamber of Commerce
- Ethnic Chambers of Commerce
- Hawaii Community Foundation

Estimated Budget (to get in up & running before the end of the year)

Research On Existing Curriculum/Content	\$ 20,000
Determining the New Curriculum	\$ 50,000
Videography Needed for Digital Content	\$200,000
Editing & Segmenting Content	\$300,000
Development & Report of Initial Surveys	\$ 10,000
Training Marketing & Outreach	\$ 10,000 (with Maui Chamber in-kind)
Management & Coordination	<u>\$ 55,000</u>
	\$645,000

# Appendix D



**CARES Act Projects for Maui**  
**Maui Nui Marine Resources Council**  
**By: Dr. Robert Richmond**  
**August 11, 2020**

**CARES Act Projects for Maui**

Coral reef conservation begins on land for high islands like Maui. Land-based sources of pollutions (LBSP) is one of the top three causes of coral reef decline, with climate change and overfishing as the other two. Maui routinely experiences brown water events, due to erosion and sedimentation, which degrade reefs via reducing light to corals' symbiotic algae, toxicant exposure from a variety of pollutants carried in runoff and sediment deposition. Sediment socks, taro fields (lo'i) and fishponds all work to reduce the magnitude of negative effects of runoff and sedimentation on coastal coral reefs. Three integrated projects to initiate and restore such areas can also serve to meaningfully employ numerous people.

**Sediment Socks:**



Sediment socks are tubes of biodegradable material that can be filled with mulch and seeds of indigenous plants whose root systems hold soil and reduce erosion. The above photo taken from southern Guam illustrate the amount of watershed restoration that was achieved over a 7-month period. Based on the amount of exposed areas and the erosion rate tied to rainfall and slope, the area needed to be restored was calculated for reducing sedimentation below threshold levels. This project engaged over 50 individuals.

**Taro Fields:**

An associated project was undertaken in Palau to reduce sediment deposition on coastal reefs. Mangroves were found to trap about 30% of terrigenous sediment, while taro fields captured 60-90%. We found that moving taro fields higher into watersheds made them more efficient, reducing volume and velocity of runoff, and adding an element of climate change adaptation by elevating them above areas that experience coastal inundation during storms. The double channels trap sediment. The taro cultivated helps local economies, adds to food security, strengthens cultural interactions and improves public health through dietary value and exercise.

**Fish Ponds:**

Fish ponds also serve as effective buffers between land and sea. Due to permitting issues, selection of existing fish ponds for restoration is the most practical approach.



In all three cases, these meet the criteria of appropriate mitigation projects: 1) effective; 2) economically feasible; 3) culturally acceptable.

### **Criteria for Site Selection**

**Sediment socks:** These are most effective for restoring watersheds that have barren spots that contribute to sheet erosion during rain storms. The lateritic (red clay) soils that are exposed contribute large quantities of sediment to coastal waters and are damaging to coral reefs. In addition to the physical damage caused by sediment burial, the fine clay particles filter out light needed by corals to allow their symbiotic algae to photosynthesize and produce energy to support the colony. These fine particles also serve as a means of transporting a variety of pollutants, such as pesticides, from the land into the sea. The sediment socks serve to reduce the velocity of runoff, trap top soil, and provide an opportunity for revegetation. These are inexpensive and very effective. Sites can be on public or private land through and work to help both the land owners and ocean stakeholders. Little, if any, maintenance is required.

**Taro Fields:** These have increased effectiveness when located next to streams and rivers to capture excess flow during rain events. They serve to reduce the volume and velocity of flowing water, which in turn, reduces the size and volume of material transported to the coastal habitats. Their overall efficiency increases as they are moved to sites higher within a watershed. Sediment trapped in the protective canals and pits can be recovered for agricultural use.

**Fish Ponds:** Due to permitting issues, the most practical approach is to work on existing sites, and incorporate design elements that increase the buffering capacity, both for reducing sediment discharges to coastal reefs and to protect coastal shorelines from erosion and wave damage that is notably increasing in Hawaii due to sea level rise. Strategic placement of additional fish ponds can be planned for future efforts.

We have the capacity to provide guidance, technical support and evaluation protocols.

Budget range: \$100,000 – \$500,000 with the majority of funds for labor.

## References

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- Richmond, R.H., A.J. Shelton and Y. Golbuu. 2019. Successful management of Coral Reef-Watershed Networks. Pp. 445-460, *in* *Coasts and Estuaries: The Future*. E. Wolanski, ed. Elsevier Press.
- Koshiha, S., M. Besebes, K. Soaladaob, M. Ngiraingas, A.L. Isechal, S. Victor, and Y. Golbuu. 2014. 2000 years of sustainable use of watersheds and coral reefs in Pacific Islands: A review for Palau. *Estuarine, Coastal, and Shelf Science*, 144:19-26. <https://doi.org/10.1016/j.ecss.2014.02.006>
- Palau's taro fields and mangroves protect the coral reefs by trapping eroded fine sediment (2013). *Wetlands Ecology and Management* 21(3) DOI: [10.1007/s11273-013-9288-4](https://doi.org/10.1007/s11273-013-9288-4)

**Hawaiian Islands Land Trust**  
**CARES – Proposal**  
**August 11, 2020**

**Kalepa Stream Sediment Reduction Program**

***Summary:** The goal of the Kalepa Stream Sediment Reduction Project is to protect offshore coral reefs, and improve ecological resilience to climate change, by significantly lowering sediment loads in the near shore waters off Waihe`e. The project will involve the removal of invasive species along approximately 900 linear feet of Kalepa Stream; installation of coconut coir rolls as a short term measure; and planting of appropriate native species as a long-term measure. Equipment needs are minimal and include hand tools and coconut coir rolls. Leadership will be provided by the Hawaiian Islands Land Trust, and the project is expected to be completed over the course of 40-50 days (likely spread over several months). Participants will learn valuable skills related to land management and ecological restoration.*

**Background**

The Hawaiian Islands Land Trust will initiate ecological restoration and sediment attenuation work on approximately 900 linear feet along Kalepa stream in the ahupua`a of Waihe`e as part of its Waihe`e Coastal Dunes and Wetland Refuge. This area stretches from approximately Kahekili Highway to the ocean (see map). For many years, dating back to at least the time that the surrounding fields were under sugar cane cultivation, heavy rains have resulted in high levels of erosion along this stream corridor, resulting in high sediment loads on the fringing reef immediately offshore.

**Project Goal**

The health of Maui's coral reefs will play an increasingly important role in protecting coastal infrastructure and ecosystems as our coasts begin to see increasing impacts from climate change, including rising sea levels and more frequent and intense storms. The resilience of our coastal ecosystems are intimately linked to the health of our coral reefs, while the health of our coral reefs depend on reducing sediment loads from inland sources. This goal of this project is to reduce sedimentation on the Waihe`e Reef by reducing sedimentation. This project will begin to address this urgent problem by installing erosion control barriers along the length of Kalepa Stream on the Waihe`e Coastal Dunes and Wetlands Refuge.

**Scope of Work and Objectives**

The work involved in this project will include three distinct, but related steps. The first step will involve removing aggressive invasive species (such as the African grasses *Pennisetum purpureum* and *Panicum maximum*) within the stream corridor. These species have not co-evolved in these ecosystems and are generally not ecologically suited to reduce sedimentation in stream corridor ecosystems. A second step will include the installation and securing of Coconut coir fiber rolls along the stream corridor to both slow down the rate of flow, and to capture excess sediment. We anticipate installing these at approximately 20 foot intervals along the 900 foot corridor (installing no fewer than 45 coir rolls). A third step will include the collection and cultivation of appropriate indigenous plant species for use as a long term solution. The primary indigenous plants will include such species as 'Ahu'awa (*Cyperus javanicus*) and Kaluha (*Schoenoplectus juncooides*). Additionally, in areas where they are determined to stand a high likelihood of survivability, we anticipate planting shrubs and trees such as Naupaka (*Scaevola taccada*) and Hala (*Pandanus tectorius*), as our experience at restoration sites on Maui, Kaua`i and O`ahu have demonstrated the viability and capability of these particular species to reduce flow velocity and to withstand brief periods of inundation. In the case of the hala in particular, the aerial roots are ideally suited to maximize sediment capture and the reduction of flow velocity.



### **Labor, Equipment, and Personnel Training Goals**

With a team of 6-8 individuals we anticipate this project to take no less than 30-45 days (240-360 hours), depending on variables such as weather. The tools, equipment and machinery needed for this project are minimal and include at least two high-powered brush cutters, hand tools (i.e. mattocks to remove roots of invasive grasses and shrubs, shovels, picks and o`o) suitable to the number of individuals working on this project, coir rolls (45-55). HILT will provide supervision for this project with one full time equivalent manager lending his/her supervision to this project. Job training for this project will focus on the basics of land care and management based on the principals of ecological restoration. Such job skills are in high demand now, and will likely become more valuable as the impacts of global warming become increasingly acute.

#### **Budget**

\$3,520- \$5,280 Salary (\$20/hr. HILT supervisor position plus 10% admin)

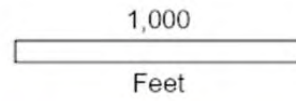
\$7,290-\$8,910 Coir rolls (\$162/each)

\$2,100 field equipment (2 large brushcutters, mattox, and other field equipment)

Range: \$12,910 - \$16,290



- Kalepa Gulch
- Waihe'e Coastal Dunes & Wetlands Refuge



**Kipuka Olowalu – Olowalu Cultural Reserve  
CARES – Proposal  
August 11, 2020**

**Mission:**

Perpetuate the traditional and customary practices of Kanaka Maoli, the native people of the Hawaiian Islands, and promote opportunities to regain the spiritual connection with our ancestors through the practice of hanai aina to ensure these beliefs and customs are passed down to future generations.

**Goal:**

Re-establish the Olowalu Ahupuaa

**Objectives:**

Restoration and Rejuvenation of the mauka to makai leased lands in the Olowalu Cultural Reserve to the traditional native practitioner uses.

**Scope of Work:**

- Reestablish washed out and damaged lo'i.
- Restore lo'i and natural stream flows to the traditional use.
- Install 6" water meter measuring stream return for PUC IIFS reporting.
- Rebuild vanished lo'i.
- Replant taro.
- Removal of overgrowth, fire hazards and invasive plants throughout.
- Plant native plants and canoe crops.
- Add new irrigation systems.
- Repair and reconstruct archaeological sites.
- Build traditional hale; poi shed, washroom and bathrooms.

**Workforce Requirements:**

16 week project timeline

Full time 20-man labor crew

Full time supervisor

Full time Project Manager

**Required Equipment:**

Skid Steer - Rental

Backhoe - Rental

Mini Excavator - Rental

Front Loader - Rental

Dump truck - Rental

2 roll-off dumps - Rental

Chipper - Rental

Misc hand tools \$500

## **East Maui CARES Act Funding Proposal**

### **August 11, 2020**

#### **Goals**

To proactively address resource management and conservation in East Maui through job creation and training in support of existing community organizations and projects.

#### **Organizational partners:**

- No Ke ‘Aupuni O Ko‘olau Hui – Ko‘olau Moku
- Ke Ao Hali‘i – Hana Moku, Mokae ahupua‘a
- Na Mamo o Mu‘olea – Hana Moku, Mu‘olea ahupua‘a
- Kipahulu ‘Ohana – Kipahulu Moku

Community organizations are all well-established groups with existing management/strategic plans and partnerships, and with implementation projects in need of personnel to support. Organizations have capacity to provide structure and supervision to the personnel working on projects that fit into the overall resource management and conservation goals and plans.

Na Mamo O Mu‘olea and Kipahulu Ohana are founding members of the Maui Nui Makai Network, and No Ke ‘Aupuni O Ko‘olau Hui and Ke Ao Hali‘i both participated in the 2019 Malama I Ke Kai planning workshop series sponsored by the Network.

In addition to the specific workforce requirements of each organization/area, East Maui would also need one part-time overall coordinator and point of contact to help facilitate communication between Maui Nui Marine Resource Council and the local organizations.

~ 10 - 20 hours per week

### **KO‘OLAU**

#### **Background**

No Ke ‘Aupuni O Ko‘olau Hui has been working for Hawaiian water rights and ‘ahupuaa management for over 25 years. Now that court cases have been settled and stream flow returned, focus is on the proper management and future direction of the water system.

#### **Objectives**

Watershed management and stream and ditch monitoring in the East Maui Irrigation system to establish accurate data for stream and ditch flow and loss as a basis for making sound future management decisions related to this resource and delivery infrastructure; stream and diversion maintenance. Data gathering method and devices piloted by Ko‘olau in initial phase of project during 2020 can be adopted and adapted by the other community organizations for their ongoing monitoring needs.

#### **Scope of Work**

- Install, calibrate and monitor data gathering devices placed in strategic locations in all of the streams traversed by the EMI system, and in the ditches.
- Gather and compile data and present to appropriate audiences in a useful way, make available to public.

- Maintain streams and repair ditch intake system as needed to ensure efficient delivery of water to the communities along the stream to the ocean and to the ditch system.

### **Workforce Requirements**

- 8 new full-time workers
- 3 new full-time supervisors, data collection and analysis
- Project Development and oversight: \$18,000
- Equipment and software: \$25,000
- Tech capacity development: \$30,000
- Transportation allowance

## **HANA - MOKAE**

### **Background**

Ke Ao Hali'i (KAH) was established in 2018 to protect Hana's coastal lands and to preserve and manage the area's natural, cultural, scenic, historic and marine resources for the benefit, education and enjoyment of our community and future generations.

In March of this year, Ke Ao Hali'i (KAH) acquired 27 acres of land at Mokae/Kaholaiki through the county's Open Space Fund and the state Legacy Land Conservation Program, and is in the process of receiving a donation of another ~2 acres of contiguous land, directly above Hamoa Beach. KAH is beginning to implement the general Land Management Plan that was developed, including invasive plant removal and native habitat restoration, and to continue doing resource mapping and seeking further community input to develop more detailed implementation plans with the support of Division of Forestry and Wildlife at DLNR.

### **Objectives**

Land management to protect open space, restore native plant, insect and seabird habitat, and remove noxious invasive plants to enhance pasture quality.

### **Scope of Work**

- Survey and map resources and threats to develop a more detailed land and resource management plan
- Remove noxious invasive species from pasture and shoreline, with a priority on cocklebur (Xanthium)
- Plant out native plants to restore coastal strand as native habitat for seabirds and insects (i.e. Hylaeus yellow-faced bee)
- Maintain fences
- Biological survey of 'opihi as baseline for possible 'opihi rest area in the future
- Community/educational outreach

### **Workforce Requirements**

- 2-3 new part time workers ~ 60 hours per week
- 1 new part-time supervisor ~ 20 hours per week
- 1 new part-time administrator ~ 5 hours per week
- Equipment needed: PPE, hand tools, 1 chainsaw, misc. supplies (trash cans, trash bags) ~ \$500
- Travel allowance

## **HANA – MU‘OLEA**

### **Background**

Na Mamo O Mu‘olea was established in 2006 and manages ~70 acres of county land at Mu‘olea Point through a 50-year lease. The shoreline area includes a voluntary ‘opihi rest area/replenishment zone that has been in place for about 5 years. The upper section of the property has been maintained in cattle pasture since it was acquired by the county, but just this summer the cattle have been removed, and there is a need to transition this land to a new management approach. Mu‘olea has largely been maintained through the volunteer effort of the families and neighbors of the area, with minimal budget, but at this time the ability to hire personnel would enable more progress to be made in areas of special importance.

### **Objectives**

Land and shoreline management on county parcel to maintain open space, cultural and recreational values, restore native plant habitat, and monitor ‘opihi rest area.

### **Scope of Work**

- Maintain areas that are used for gatherings and traditional practice
- Maintain and expand native and canoe plant out-plantings
- Develop water supply infrastructure
- Conduct biological surveys of ‘opihi populations
- Maintain rock walls and fencing
- Remove invasive plant species
- Community/educational outreach

### **Workforce Requirements**

- 2-3 new part time workers ~ 60 hours per week
- 1 new part-time supervisor ~ 20 hours per week
- 1 new part-time administrator ~ 5 hours per week
- Equipment needed: PPE, hand tools, 1 chainsaw, misc. supplies ~ \$500
- Travel allowance

## **KIPAHULU OHANA**

### **Background**

Kipahulu Ohana, Inc. was established in 1995 and manages multiple projects in the Kipahulu Moku, including Kapahu Living Farm, a traditional wetland taro farm in Haleakala National Park; and the proposed Kipahulu Moku Community Based Subsistence Fishing Area application that was submitted to Division of Aquatic resources in late 2019, including an ‘opihi rest and fish replenishment zone along the shoreline adjacent to the park.

### **Objectives**

Land and shoreline management to perpetuate traditional uses including wetland taro cultivation, biological and social monitoring and educational outreach in support of proposed Community-Based Subsistence Fishing Area.

### **Scope of Work**

- Management of traditional wetland taro farm (restoring, clearing, planting, weeding, harvesting, mowing, weed eating), plus irrigation system maintenance
- Biological and social monitoring of shoreline areas including 'opihi rest area
- Land clearing, invasive species removal
- Equipment operation and maintenance
- Community/educational outreach

### **Workforce Requirements**

- 3-4 new part time workers ~ 60 hours per week
- 2-3 existing workers additional hours ~ 60 hours per week
- 1 existing part-time supervisor additional hours ~ 20 hours per week
- 1 existing part-time administrator ~ 10 hours per week
- Equipment needed: PPE, hand tools, 1 chainsaw, misc. supplies ~ \$500
- Travel allowance

**Ka Honua Momona**  
**CARES – Proposal**  
**August 11, 2020**

**Who:** The mission of Ka Honua Momona (KHM) is to be a model of sustainability, *mauka a makai* (from the mountains to the sea). KHM develops indigenous education systems, revitalizes natural and cultural resources, perpetuates traditional knowledge and stewardship, & evolves with modern technology. KHM's Theory of Change is a cyclical, iterative model based on five Core Principles: *Hō`ewe* (Cultural Rootedness), *Kahu Ho`ilina* (Environmental Stewardship), *Kuka`i ka Hā* (Intergenerational Exchange), *Ka`Imi`Ike* (Lifelong Learning) and *Mahuaola* (Health and Wellbeing).

KHM is currently rehabilitating and managing production on two sacred ancient Hawaiian fishponds (each ~30 acres). As part of its mission KHM has created an *off-grid energy resource*, a *youth-built office* and *website*, and administers a variety of *values-based policies*. Over fifteen years of programming, KHM has a proven track record of planning, designing, executing and managing community development and education projects with demonstrated impact on youth, adult and elderly populations of Molokai.

Last year alone, with a staff of 2, we hosted over 8,500 hours of community service involving many Molokai schools. Over 50% of our program participants are Native Hawaiian. KHM environmental projects removed over 17 tons of invasive species in our *mālama/aloha`āina* work.

Over the years, KHM has mobilized about 15,000 volunteers of all ages to care for these environmental and culturally sacred places. Project have included: a) mangrove removal (without heavy machinery), b) shoreline opening, c) native species habitat maintenance, d) removal of 72tons of gorilla ogo (*Gracilaria salicornia*), e) kuapa (rock wall) rehab (1540 linear feet), and f) Native species replant/restock.

**What:** KHM will continue its great work to restore healthy ecosystems, and our ancient natural and cultural resources by removing invasive species, planting food and native plants, caring for our aina and doing community outreach where safe and appropriate. Our Kupuna Council will guide and mentor us.

**Where:** KHM will deliver educational services on Molokai at wahi pana, focusing on, but not limited to, Kalokoeli and Alii Fishponds and the land abutting each ancient Hawaiian pond.

**Why:** Our long term goal is for ohana and keiki to perpetuate aloha, Hawaiian cultural practices, and be the next generation of Leaders for our island of Molokai.

**Evaluation plan:**

- Data collection: KHM collects event data that includes the date, # of participants, age range, testimonial and basic observations, and documentation as to how the event aligns with or contributes toward mission work and core principles (long term).
- Visual documentation.



- Dr. Valorie Johnson, retiree from over 20 years as a Program Officer of the W.K. Kellogg Foundation is our Program Evaluator and evaluates KHM's programs annually based on alignment with our evaluative framework, our 5 core principles, our mission and our philosophy.

**Workforce Requirements**

- 4 full time workers ~ 160 hours per week
- 2 full time Supervisor positions ~ 80 hours per week
- Equipment needed: PPE, hand tools, 1 chainsaw, 1 weed eater, misc. supplies ~ \$2500



Celebrating 12 years, Maui Nui Marine Resource Council (MNMRC) is an award-winning Maui-based nonprofit organization recognized for our ability to work in partnership with the community toward our vision of clean ocean water, healthy coral reefs and an abundance of native fish for all of Maui Nui.

Our organization was founded in 2007 by marine biologist Robin Newbold and community visionary Uncle Ed Lindsey who were alarmed at the deterioration of our local reefs and nearshore ocean waters. To reverse this trend, the two brought together a broad base of the community to find solutions to the problems impacting Maui County's near shore ocean environments.

We continue today as a community-based organization with a history of successful collaborations with county, state and federal government, citizens groups, nonprofit organizations, property owners, ocean-users (fishers, divers, snorkelers, swimmers, beach-goers and commercial operators) and individuals.

Many problems facing local reefs originate on land, which is why our projects and programs work from mauka to makai. Working with current scientific data and in concert with traditional Hawaiian values, we develop and implement effective science-based solutions to challenging environmental problems. To ensure that our community is aware of the environmental solutions that we are enacting, we have an extensive communications and outreach program generating news releases, social media, e-newsletters, a monthly speaker series and media interviews. MNMRC team members have served on the Maui Coral Reef Recovery Team, Governor's Natural Area Reserve Commission, Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council and Mayor Victorino's Tourism Advisory Committee.

Our staff and more than 30 volunteers work together under the guidance of our all-volunteer Board of Directors. Our professional team includes Mike Fogarty (Acting Executive Director); Amy Hodges (Programs and Operations Manager); Anne Rillero (Communications, Community Outreach and Development Manager); Meredith Beeson (Administrative Assistant); John Starmer (Lead Scientist); James Strickland (Ocean Water Quality Project Manager); and Grace Silver, Tiara Stark and Mitch Brown (Ocean Water Quality Team Leads).

Maui Nui Marine Resource Council has successfully obtained, implemented and provided fiscal reporting for more than \$920,000 in grants since 2007, including repeat funding from National Fish and Wildlife Foundation, Hawaii Tourism, County of Maui Mayor's Office of Economic Development, North Beach West Maui Benefit Fund, Napili Bay and Beach Foundation, Harold K.L. Castle Foundation, Lush Cosmetics, Makana Aloha Foundation and others.

Our partners include: Hawaiian Islands Humpback Whale National Marine Sanctuary, State of Hawaii Department of Health Clean Water Branch, The Nature Conservancy, West Maui Ridge to Reef Initiative, Goodfellow Bros., Kihei Community Association, Mā'alaea Village Association, Pacific Whale Foundation, Maui Ocean Center, Maui Environmental Consulting, University of Hawai'i – Maui College, University of Hawai'i – Manoa (Kewalo Marine Laboratory), University of Hawai'i and Pacific

Aquaculture and Coastal Resources Center (PACRC) – part of University of Hawai‘i at Hilo, Department of Land and Natural Resources (DLNR) Division of Forestry and Wildlife (DOFAW), Department of Land and Natural Resources Department of Aquatic Resources, Maui Cultural Lands, Mauna Kahalawai Watershed Partnership, Hawai‘i Association for Marine Education and Research and Maui Nui Makai Network.

Our projects include:

- Establishment of the Maui Coral Reef Recovery Team and leading the effort to create the Maui Coral Reef Recovery Plan
- Co-founding and co-managing Hui O Ka Wai Ola Ocean Water Quality Monitoring Program in South and West Maui
- Supporting the Maui Nui Makai Network and six Community Managed Makai Areas in Maui Nui, through training, financial support and participation in meetings.
- Efforts to reduce pollution in Mā‘alaea Bay through erosion-control efforts in the Pōhākea watershed
- Oyster bioremediation project to restore clean ocean water in Mā‘alaea Harbor
- Coral reef conservation window displays at Kahului Airport
- New coral reef information signs installed at 39 Maui beach locations
- Olowalu biomarker research project
- Host of Kihei Floodwater Forum
- Host of monthly “Know Your Ocean Speaker Series”

A	B	C	D	E	F
	Budget	Category	Notes		
1					
2	138,000	Fencing	BF-2 Build Honokōhau 1k meters; Existing Fence Repairs, Stream Curtain repairs		
3	8,000	Handtools	shovels, 'ō'ō, sickles, etc.		
4	60,000	Health	Health (Sanitation, PPE's to be distributed)		
5	75,000	Tech/Comm	Technology/Communication (mesh network) Ipads, Units, Fiber optics) VHF and digital radios for essential services		
6	20,000	LZ Construction	LZ for BF-5. Repair existing Landing Zones		
7	150,000	Boardwalk Repair	Material for boardwalk repair		
8	80,000	Road Repair	Repair access roads through ML&P landscape for access		
9	600,000	Infrastructure	8 leach fields, \$75k each		
10	10,000	Transportation	Fuel		
11	576,000	Labor	Labor \$30 p/h=8 px per day; \$240/day x 30px = \$7,200k x 5days = \$36k/week x 4weeks = 144,000/month x 4		
12		Personnel			
13	20,000	Labor	Coordinator \$5k x 4mon. = \$20k		
14	10,000	Labor	Assistant \$2.5k x 4mon. = \$10k		
15			6 Contractors - Conservation Best Management Practices (BMP) Ungulate management, F52, road repair, erosion repair, etc		
16		Labor			
17		Other			
18	50,000	Supplies	Supplies (PPE & Field Supplies)		
19	271,529	Admin Fee	Administration Overhead 15%		
20					
21	<b>2,068,529</b>				

# Appendix E

## Maui County Conservation Corps

August 10, 2020

Submitted by Maui and Molokai Invasive Species Committees

Molokai and Maui are prepared to create an estimated 215 jobs working in conservation. Federal CARES Act funding provides an opportunity to create short-term jobs and workforce training for Maui County residents while simultaneously helping to mālama ‘āina.

### Key Components

- Estimated **215 temporary positions** through the Research Corporation of the University of Hawai‘i (RCUH) through November 2020.
- **Focus on economically hard-hit areas**, including Molokai and East Maui.
- Mauka to makai opportunities.
- **18+ different hosts** including nonprofit, private landowners, state, and federal agencies.
- Positions include: project managers, field crew members, crew leaders, administrative assistants, data management, support services, and communications specialists.
- **Emphasis on job training:**
  - plant and animal identification, invasive species removal, cultural awareness training, restoration principles, GPS/GIS, small tools, equipment operation, fence building, and outreach.
- Three-month duration (September-November 2020), longer if timeline is extended.
- **Health benefits** available through RCUH.

### Projects are “Shovel-ready”

- Existing equipment, infrastructure, and training expertise.
- Programs introduce residents to **possible career options**.
- Matches the need for jobs with the need to mālama ‘āina.
- Most hosts want teams for as long as possible – **12 weeks or more**.

### Budget Highlights

- Focus is on **workforce development**.
- Supply purchases are directly related to work. Includes Personal Protective Equipment (PPE) and field gear for each person.
- Most funds will be **spent with local vendors**, providing an economic multiplier.
- Revised budget reduces equipment purchases; relies on rentals; & maintains hiring focus.
- Project is adaptable to changing circumstances:
  - Can **add more host partners**
  - Can **scale up or down**

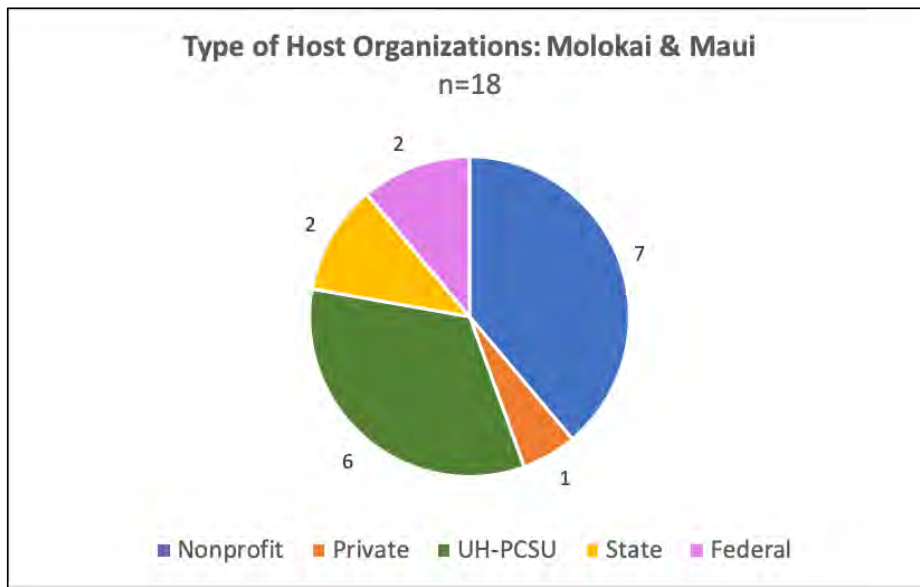
## Revised Budget:

Categories	Budget				
<b>Personnel</b>	<b>\$ 2,229,219</b>				
Field teams	\$ 1,784,640	Phase 1: (20) 5-person crews; Phase 2: (40) 5-person crews			
Coordination	\$ 444,579	Project lead, island coordinators, safety, logistics, data, HR			
<b>Contractual</b>	<b>\$ 39,600</b>	Cultural training, communications			
<b>Equipment</b>	<b>\$ 165,000</b>				
Spray units (3)	\$ 120,000	sprayers, trailers, pumps, hoses, nozzles, weeders			
Containers (4)	\$ 45,000	moving and storing citric acid, team operations, washer/dryers			
<b>Supplies</b>	<b>\$ 1,306,022</b>				
Citric acid	\$ 250,000	for coqui control			
Field gear	\$ 300,000	PPE, field clothes, shoes, backpacks, cutting tools, data recorders			
Field supplies	\$ 450,000	for partner organizations, plants, fencing, mosquito traps			
Fuel, utilities, communications	\$ 306,022	operational costs			
<b>Rentals</b>	<b>\$ 462,750</b>				
Trucks	\$ 437,500	100 trucks			
Baseyard	\$ 20,000	operations headquarters			
Porta-potties	\$ 5,250				
<b>Administration Costs</b>	<b>\$ 646,513</b>				
UH-PCSU Direct	\$ 222,504	Admin support, fiscal and HR			
RCUH Indirect	\$ 424,009	HR, insurance, legal			
<b>Total</b>	<b>\$ 4,849,104</b>				

## Host Partners: Survey Results

We contacted a suite of conservation organizations (mauka and makai) on Molokai and Maui to gauge their capacity and interest in hosting 5-person teams. We received an enthusiastic “Yes” from 18 different groups. Potential hosts identified supply needs, availability of parking, types of work options, and other information relevant to planning an operation of this scale. 100% of the organizations would provide on-site training.

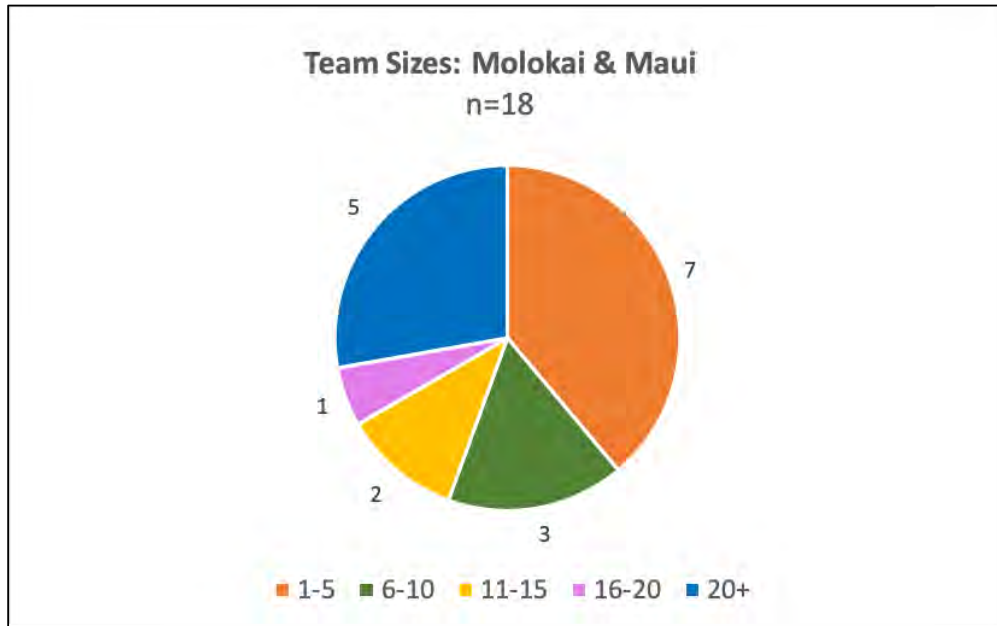
**Type of Host Organizations:** Potential host organizations include nonprofits, private businesses, state and federal agencies, and UH-PCSU projects.



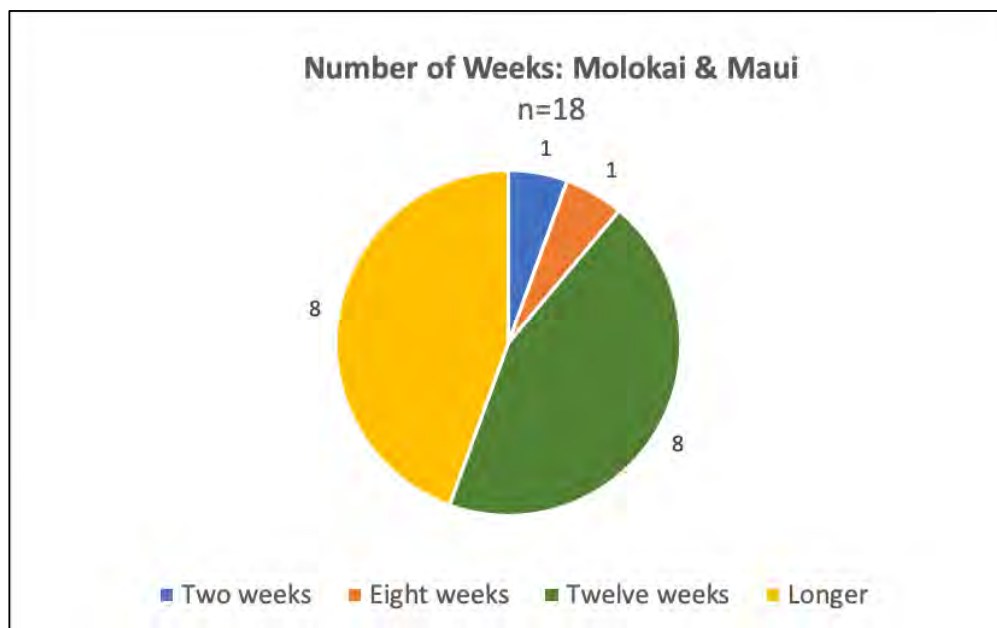
## Interested Host Partners

- Pu‘u o Hoku Ranch
- Kupeke Ahupua‘a
- ‘Āina Momona
- Kakahaia Wetland
- Sustainable Molokai
- Molokai Land Trust
- The Nature Conservancy
- Molokai Invasive Species Committee
- UH – CTAHR
- The Nature Conservancy
- Pu‘u Kukui Watershed Preserve
- Maui Forest Bird Recovery Project
- Maui Nui Botanical Gardens
- Maui Nui Seabird Recovery Project
- Mauna Kahālawai Watershed Partnership
- East Maui Watershed Partnership
- The Nature Conservancy
- Maui Invasive Species Committee
- Haleakalā National Park
- HI Dept Land & Natural Resources

**Team Sizes:** The size of teams that individual host partners could put to work varied from 5-person teams to more than 20 people, demonstrating the depth of the need for additional help.



**Duration of Work:** The vast majority of host partners would like to have teams for 12 or more weeks.





# Appendix F

PO Box 250, Kaunakakai, HI, 96748  
<http://www.sustainablemolokai.org>  
Phone: 808-560-5410



August 10, 2020

## **Sustainable Moloka'i Request for CARES Funding for COVID-related relief and job creation**

**Need:** COVID19 has impacted all of our lives in innumerable ways, including how we access food. It has highlighted just how fragile our local food system is, and how dependent we are on the barge to bring us the majority of our food, via our stores. The number of Molokai residents accessing our Food Bank distributions has increased due to COVID, and continues to remain high (over 2,500 per month out of 7,500 population). It should be noted that THERE IS NO FOOD BANK FACILITY ON-ISLAND. We currently receive food on a monthly basis from Maui Food Bank via barge and distribute it immediately. This is coordinated by the Salvation Army and numerous volunteers around the island, who all work extremely hard to provide emergency food relief. However, most of the food that is distributed is canned or frozen, and not fresh, thereby having lower nutritional value.

**Organizational Background:** Sustainable Molokai has been working to increase the island's food security since 2010. The pandemic has pushed us to improve and ramp up our services. Specifically, our weekly Mobile Market has become a more regularly accessed point of food distribution, especially because we offer a convenient drive-through service for food pick-up, including prepared meals. In addition, we accept SNAP/EBT and offer Double Bucks (50% off all local produce). When COVID hit our island in March, our Mobile Market doubled in volume, largely because our main grocery stores shut down. We also began working with Maui Food Bank Moloka'i. With the generous support of various funders, we were able to purchase fresh local produce and proteins (fish, grass-fed beef) and distribute those items along with the food bank products to those in need.

**Proposed Solution:** We're aiming to increase our island's food security by setting up the infrastructure we need to run a functioning Food Hub & Food Bank. Specific actions:

- Run/maintain/fix Maunaloa Store to function as that multi-use facility (lease secured).
- Become the new food bank distribution site for Maunaloa (current coordinator retiring).
- Increase purchases of local food for food bank.
- Enhance our new Food Hub & Food Bank site - large chill, dry storage space, etc.
  - Helps Molokai farmers - can store and sell their products.
  - Helps Maui farmers - we now have space to import and store larger volumes.
  - Enables value-added producers to make and store local food products.
- Hire 2-3 additional staff to support our expanded operations.

### **Impacts:**

- Increase our island's food security by establishing a Food Hub & Food Bank facility.
- Serve 2,500+ Moloka'i residents who access our food bank distributions (many of whom were laid off or lost wages due to COVID).
- Serve 1,000+ Moloka'i residents who access our weekly Mobile Market.
- **Create economic opportunities:**
  - any farmer/producer can sell through our Mobile Market (40+ currently),
  - we purchase local food and donate to food bank participants,
  - hire additional staff to manage these operations.

<b>Sustainable Molokai Budget for CARES Funding September thru December 2020</b>			
<b>Salaries</b>	<b>Price per</b>	<b>Quantity</b>	<b>Total</b>
Farm to Families & Food Bank Coordinator (1 FTE) (\$25/hr x 40 hrs x 17 weeks)	\$ 17,000.00	1	\$ 17,000.00
Facilities Manager at Food Hub / Food Bank / MM (Maunaloa Store) (0.5 FTE) (\$24/hr x 20 hrs x 17 wks)	\$ 8,160.00	1	\$ 8,160.00
MM / Food Hub / Food Bank Assistant (1 FTE) (\$18/hr x 40 hrs x 17 wks)	\$ 12,240.00	1	\$ 12,240.00
Fringe at 30%			\$ 11,220.00
			<b>\$ 48,620.00</b>
<b>Supplies</b>			
Purchase fresh Molokai food for food bank distribution	\$ 2,000.00	4	\$ 8,000.00
Purchase off-island food for Mobile Market/food bank distribution	\$ 5,000.00	4	\$ 20,000.00
Personal Protective Equipment/Sanitation Supplies	\$ 10,000.00	1	\$ 10,000.00
Other Supplies (storage unit, pallets, u boats, etc.)	\$ 10,000.00	1	\$ 10,000.00
			<b>\$ 48,000.00</b>
<b>Other Expenses</b>			
Utilities for MM/food bank storage	\$ 3,000.00	4	\$ 12,000.00
Chill maintenance/repair/retrofit	\$ 15,000.00	1	\$ 15,000.00
			<b>\$ 27,000.00</b>
<b>Total:</b>			<b>\$ 123,620.00</b>
<b>*Note: MM = Mobile Market</b>			

# Appendix G

## **ONE STOP RESOURCE CENTER**

A long-time vision of BGCM CEO, Kelly Pearson, the One-Stop Resource Center would be a site for families to visit as a centralized location to get information for all things related to kids, i.e. sports programs, health benefits, tutoring, etc. With the onset of COVID, Kelly hoped to expand those services to be inclusive of all families - offering a “one-stop space” for telephonic and small group support housed in the old, BGCM Central Club annex. The annex is in need of repair to be fully occupied, and the hope is to leverage CARES Act funds to develop the space, as a singular and central point of contact for families to go for help and support in these already difficult times. With planned administrative offices for BGCM staff, and private office space for one-on-one consults of CHWs and telehealth services, as well as classroom spaces for Kanu Ka’ike curriculum, the funds would also be used to acquire the technology, sanitation services, and staff necessary to stand up a reliable site for Maui County’s families.

## **BOYS & GIRLS CLUBS OF MAUI (BGCM)**

Boys & Girls Clubs of Maui, Inc., is a non-profit 501 (c)(3) organization, that operates drop-in service facilities providing a safe, supportive, non-judgmental, nurturing and supervised environment where youth ages 9 to 17 can be themselves, experience positive role models, and learn the values and skills that promote success.

Boys & Girls Clubs of Maui has been serving the youth of the island since 2000, operating eight clubhouses across Maui with more than 2,200 members, serving another 7,000 youth through outreach programs annually. The Mission BGCM is to *inspire and enable all young people, especially those who need us most, to realize their full potential as productive, responsible and caring citizens.*

National studies demonstrate that children who participate in after school programs are safer, have better academic performance, better school attendance, and better behavior and health outcomes than children who do not. In a 2016 report on after school programs, the Hawaii State House of Representatives, Twenty-Eighth Legislature, House Concurrent Resolution 137, noted the following research:

- 3:00 to 6:00 p.m. Monday through Friday are peak hours for juvenile crime and for children to experiment with drugs, alcohol, cigarettes, and sex. (Fight Crime: Invest in Kids, 2002)
- Parents miss an average of 8 days of work per year due to a lack of after-school care.  
(Community, Families, and Work Program at Brandeis University, 2004; updated 2006)
- Parents believe that after-school care provides a safe environment, that there are programs that excite children about learning, and agree that through participation in after-school programs students gain workforce skills and reduce their likelihood of engaging in risky behaviors (Afterschool Alliance, n.d.; Hawai’i Afterschool Alliance, n.d.)

The Boys & Girls Clubs of Maui understand the importance of all children being given the opportunity to do their best, and the vital role critical services like theirs can play in a child’s ability to attain those goals. The competition of the One-Stop. Resource Center, in partnership with the County of Maui, Malama I Ke Ola and Kanu Ka’ike enabling a whole-family approach to services, resources, and the tools required to support a positive environment for our island’s keiki.

## **MALAMA I KE OLA (MIKO): COMMUNITY HEALTH WORKERS (CHW)**

The primary function of the CHW is to meet the comprehensive needs of the patient that include social determinants of health (SDOH) and direct medical services. CHWs contribute to the education, navigation, social support, medical follow-up needs, care coordination and integration, with a focus on chronic disease management and risk factor reduction. In response to Maui’s COVID-19 cases, they have shifted their work to support the use of telehealth to ensure timely attention and access for their patients, providing reminder calls, practice runs and patient support with their clinical teams.

Additionally, CHWs have expanded their outreach with other social service agencies to actively seek out unsheltered individuals to assist them with government benefit assistance, social service coordination and more. They have started to develop a series of in-language videos, and CDC translated handouts (English to Marshallese) to help educate the

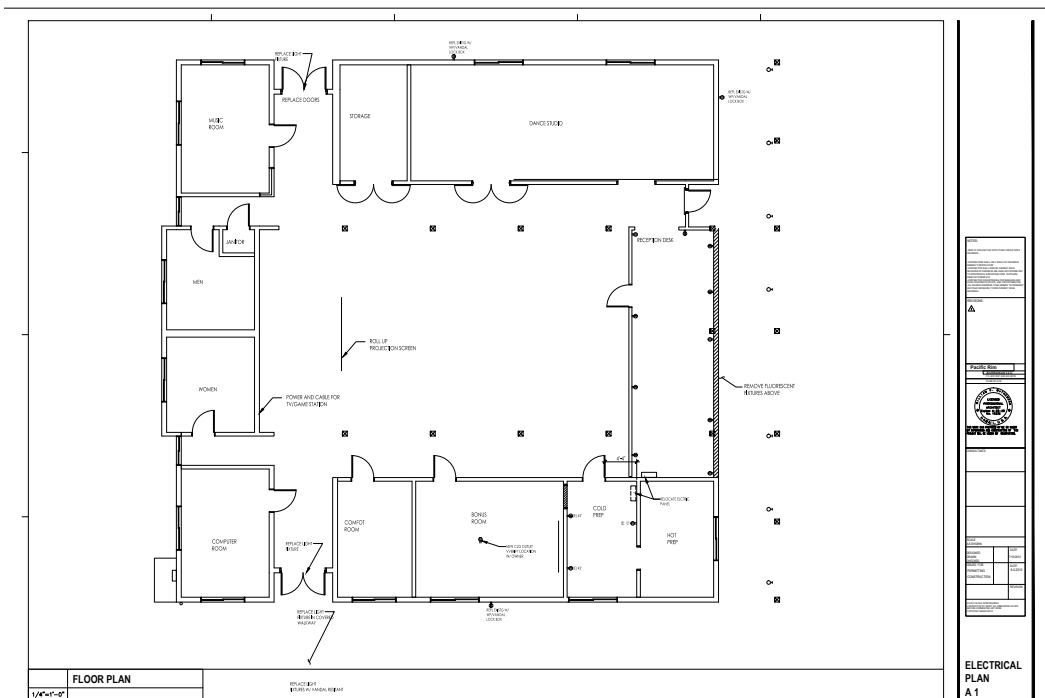
Pacific Islander community about the coronavirus, and the importance of hand washing, social distancing and masking to share within their households and peer groups.

As an important bridge to clinical care and a trusted partner in day-to-day well-being, the CHWs are the utility player in this collaboration, offering insight and guidance on how to apply for necessary resources for one’s family, offering advice and guidance on communication tools and outreach, and helping to maintain engagement throughout a sometimes long and daunting process for support.

### KANU KA’IKE

With a focus on the health and social well-being of our Native Hawaiian communities affected by the complexities of today’s challenges, Kanu Ka’ike brings a proven philosophy of education that *enlighten, empower and connect individuals and families to the land as a key and healthy contributor.*

Through previous engagements with both small and large group cohorts, Kanu Ka’ike has developed a working method of engagement to create a safe environment for sharing, healing and emotional growth. As part of this partnership, Kanu Ka’ike is willing to expand their model to include individuals and families through the resource center to take part in a formal program focused on food – production, growth and preparation, fellowship and support. Under their guidance and direction, the resource center would have access to their expertise to grow food native to our islands, demonstrate and guide its preparation, offer internships, (with the support of MIKO) collect and track health metrics to set goals, evaluate programs and offer guidance to other entities about service needs and desired method of communication and engagement.



# Appendix H

ARTS

CULTURE

EDUCATION

Maui County Resilience & Recovery

PHASE 1: DIVERSIFICATION & FUTURE PLANNING

**Committee Members:** Lindsay Ball (DOE), Keiki-Pua Dancil (Pulama Lanai), Kumu Kauai Kanakaole, Kumu Kaponono'ai Molitau, Brian Moto (UHMC), Art Vento (MACC), Saedene Ota (Designer)

Art is a form of healing and recovery, and provides solace and therapy during times of stress. It helps safeguard mental and spiritual health, and reduce barriers between people, cultures and languages.

Art has also been used to spark social change and increase awareness about destructive facets of economic development.

*Madanmohan Rao*

## Our Criteria

### **LONGER-TERM INVESTMENT**

Project to sustain and expand (culture, arts & education) BEYOND Dec. 2020.

### **WIN-WIN INTEGRATION**

Support and promote local arts related non-profits to the world and integrate culture into the working economy.

### **NIMBLE EXECUTION**

Build upon existing establishments or partnerships.

### **FOCUSED IMPACTS**

Overarching support for arts & culture non-profits affected by Covid-19.

### **STRENGTHEN OUR LOCAL WORKFORCE**

Training and education opportunities for our local community.

### **REINFORCE OUR BRAND**

Use the power of art and culture to education to reinforce our Maui Nui story.



Project: 1

# CAN DO ARTS

**Maui Arts & Cultural Center Partnership with Maui schools.**  
Lack of funds to continue due to NO DONATIONS since Covid 19.

## NEED BEING ADDRESSED

Filling our public schools education gap of creative and cognitive development for children k-5.

## KEY IMPACTS

- **Alleviate work-load for teachers** with added COVID 19 stress
- Arts education for **Keiki that need it the most**
- **Address stress** due to COVID 19 and lack of space for exploration and social interaction
- **Serve 500 -2000 / support over 100 teachers**

## COST: \$280,000

Salaries: \$200,000

Technical Upgrades: \$50,000

Tech Support, \$15,000

Supplies \$15,000

**ELIGIBILITY:** Direct grants to “small businesses” and “individuals” for economic support or hardship in consideration of business interruption related to C19 required closures.



Project: 2

# ACCESS TO EDUCATION

**Maui Department of Education** Due to Covid-19 and mandated distance learning, keiki without computers will not have access to education. 3rd party services will also need to supplement access to online education.

## NEED BEING ADDRESSED: **EQUITY TO ACCESS**

Support distance learning for keiki in rural locations and provide technical tools for keiki in need. These funds will provide students with engaging lesson, assessment, application of programs to meet the needs of our future leaders.

## KEY IMPACTS

- **65 Students living in Kahakuloa, Kanaio & Kailua** (computers)
- **60 New Computers for Lanai teachers.** Existing computers are outdated and does not meet demands of current programs

## COST: **\$375,000**

Lanai - 60 Computers: \$180,000

BHS, MH, King K - 65  
Computers: \$195,000

**ELIGIBILITY:** Direct government costs related to COVID-19, such as hiring additional personnel, or contract services. / Costs of funding government operations for a “substantially different use” of budgeted funding related to COVID-19.



## NEED BEING ADDRESSED: **EXPLORATION**

Bringing the Field Trip Experience into the classroom. Similar to (Example) Hawaii Volcano Park virtual Field Trip

<https://artsandculture.withgoogle.com/en-us/national-parks-service/hawaii-volcanoes/inside-nahuku-lava-tube>

## **COST: \$150,000**

Project Coordination: \$30,000

Media Support: \$100,000

Admissions: \$20,000

## KEY IMPACTS

- **Virtual visits to non-profits such as:** Pi'ilani Hale-Kahanu Garden, Sugar Museum, Bailey House, Iao Valley, Haleakala/Kipahulu National Park, Lahaina Historic Walking Tour, Mokulea, etc.
- **Boost non-profits income**
- **Employ media professionals**

**ELIGIBILITY:** Direct government costs related to COVID-19, such as hiring additional personnel, or contract services. / Costs of funding government operations for a “substantially different use” of budgeted funding related to COVID-19.

“The first step to controlling your world is to control your culture.

To model and demonstrate the kind of world you demand to live in. To write the books. Make the music. Shoot the films. Paint the art.”

**Chuck Palahniuk**

*American novelist and journalist*



Project: 3

# AUTHENTIC MAUI NUI

Arts & Culture Nonprofits spaces of learning inability to conduct business as usual due to Covid 19.

## NEED BEING ADDRESSED:

Marketing and content development for nonprofits for current local awareness and for future visitors related to Arts and Culture.

## KEY IMPACTS

- Develop modern content for outreach and marketing
- **Increased visibility and education** for local community and future visitors
- **10 non-profits**...assist nonprofits with tools necessary to communicate virtually
- **Employ media professionals**

## COST: \$420,000

Production & project managers: \$100,000

Writer, videographer, talent, editor: \$200,000

UHMC Studio: \$75,000

Website Dev.: \$30,000

Social Media Mktg: \$15,000

**ELIGIBILITY:** Direct grants to “small businesses” and “individuals” for economic support and hardship in consideration of business interruption related to Covid 19 required closures



Project: 4

# HALAUS OF MAUI NUI

Maui Nui Halaus inability to conduct cultural education for community and conduct business as usual due to Covid 19.

## NEED BEING ADDRESSED:

Hula is all encompassing, representing the heart of Hawai'i through history and practice. Through an online APP, Keiki can continue to learn. Local community can learn on their own and gain appreciation for the craft of their island home. The world and those curious, will understand the depth and deeper meaning of the practice of Hula.

## KEY IMPACTS

- Support Halaus and Kumus financially through online classes
- Share globally the depth of Hula and its importance to our community and culture

## COST: \$855,000

Cultural practitioner, producer & coordination: \$125,000

Writer, videographer, talent, editor: \$250,000

UHMC Studio: \$30,000

APP/Website Dev.: \$100,000

Social Media Mktg: \$20,000

Fees to Halau for content: \$300,000

Attorney fees: \$30,000

**ELIGIBILITY:** Direct grants to “small businesses” and “individuals” for economic support and hardship in consideration of business interruption related to Covid 19 required closures



Project: 5

# KUPUNA SMART

**UH Maui College** Due to Covid-19, there is a large demographic of baby boomers that are unfamiliar with online communications and tech in general.

## NEED BEING ADDRESSED

Training on Accessing the Internet, Online Services, and Video Conferencing Tools for elderly.

## KEY IMPACTS

- **Help elderly overcome COVID social isolation.**
- Increased independence and confidence
- **5 UHMC student training jobs**
- **Added income for UHMC**

## COST: \$86,750

Curriculum Dev: \$40,000

Tutoring positions: \$30,750

Supplies: \$1,000

5X Chromebooks: \$12,500

Computer rentals: \$2500

**ELIGIBILITY:** Direct grants to “small businesses” and “individuals” for economic support or hardship in consideration of business interruption related to C19 required closures.



Project: 6

# BACK TO SCHOOL SCHOLARSHIPS

**UH Maui College** High unemployment of visitor industry jobs in Maui County due to Covid-19 shutdown of travel and related activities.

## NEED BEING ADDRESSED

Help Maui County residents who have lost a job due to COVID-19 by providing scholarships for tuition for 6 credit hrs., plus fees and books, to develop new skills and progress toward a degree.

## KEY IMPACTS

- Education and training for displaced workers
- 40 Scholarships
- Reemployment of workforce
- Improved job mobility, advancement and compensation

**COST: \$48,000**

40 Scholarships  
\$1200 each

**ELIGIBILITY:** Direct grants to “small businesses” and “individuals” for economic support or hardship in consideration of business interruption related to C19 required closures.



Project: 7

# MODERN INTERNSHIP

**UH Maui College** Due to Covid-19, the need for businesses and non-profits to modernize tech operations is immediate.

## NEED BEING ADDRESSED

Strengthen and promote for profit business, nonprofit, and governmental organizations within Maui County by supporting the placement of college interns with computer, Internet, social media, video conferencing, and other technology and media skills.

## KEY IMPACTS

- 55 Student Internships
- 75 hours of service to local employer
- Overhaul business success by addressing tech & media needs
- 1 new job position

## COST: \$100,000

Internship Stipends: \$55,000  
Coordinator Position: \$45,000

**ELIGIBILITY:** Direct grants to “small businesses” and “individuals” for economic support or hardship in consideration of business interruption related to C19 required closures.



Projects: 8

# REATTENDANCE

**MACC & ALL Attendance Based Non-profits** will need to make major physical plant modifications due to safety measures related to Covid-19.

## NEED BEING ADDRESSED:

Covid-19 physical plant modifications (Plexi Barriers, Sanitation stations, Staff masks, thermal scan equipment, Electostatic cleaners, additional signage etc) & touchless technology (ordering of Tickets, Food, Beverage and merchandise to be via smart-phone to minimize any physical contact).

## COST: \$1.5M

\$100,000 - \$200,000 per organization

Organizations: 5-10

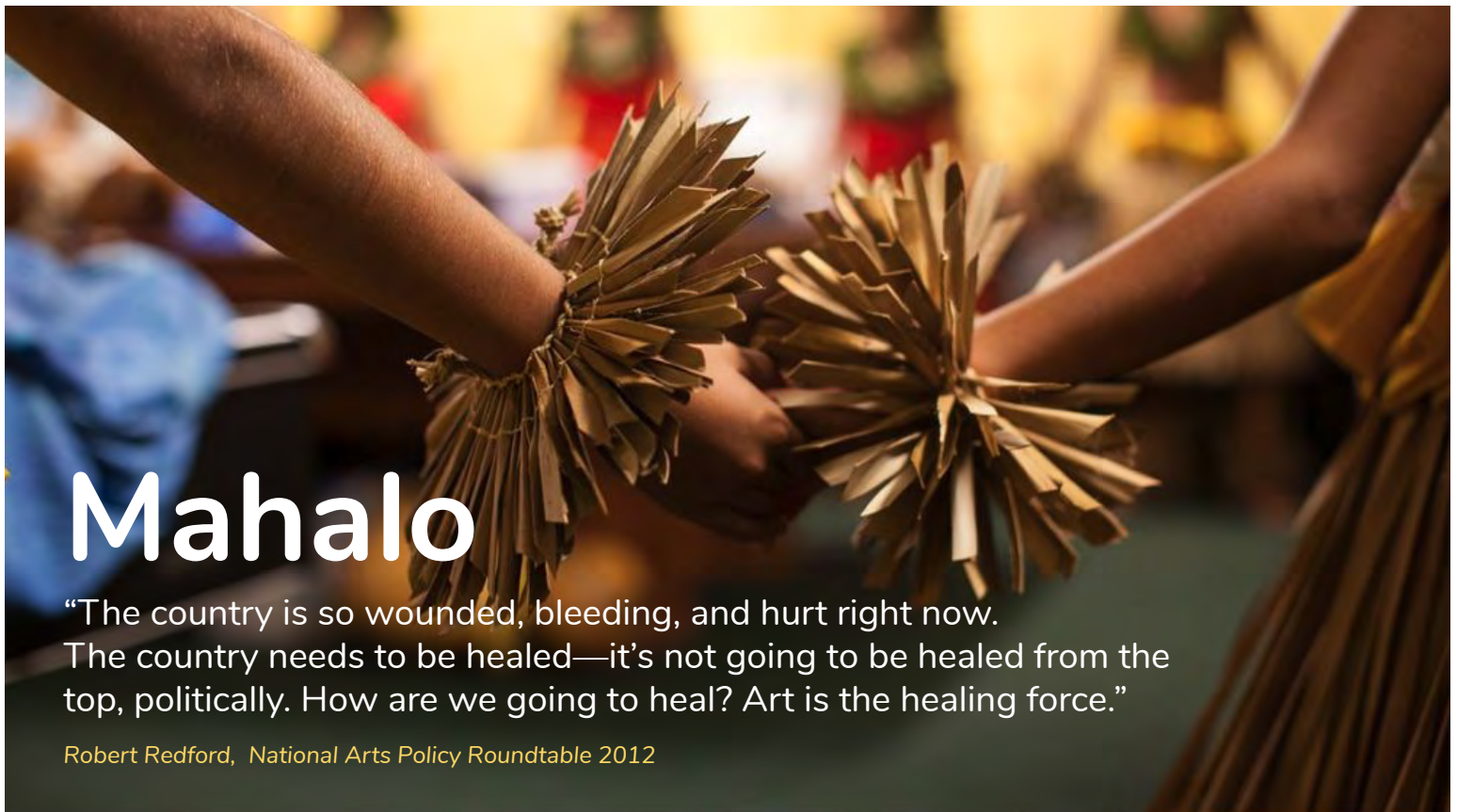
## KEY IMPACTS

- Provide public confidence that the facility is safe for public use
- Provide long term accomodations for safe public use
- 3rd party jobs

**ELIGIBILITY:** Direct government costs related to COVID-19, such as hiring additional personnel, or contract services. / Purchase and/or stockpiling of PPE, disinfectants, sanitizers and other equipment or items necessary for COVID-19 responses.

# Request Overview

Project 1: CAN DO ARTS	\$280,000
Project 2: ACCESS TO EDUCATION	\$525,000
Project 3: AUTHENTIC MAUI NUI	\$420,000
Project 4: HALAUS OF MAUI NUI	\$855,000
Project 5: KUPUNA SMART	\$86,750
Project 6: BACK TO SCHOOL SCHOLARSHIPS	\$48,000
Project 7: MODERN INTERNSHIPS	\$100,000
Project 8: REATTENDANCE	\$1,500,000



## Mahalo

“The country is so wounded, bleeding, and hurt right now. The country needs to be healed—it’s not going to be healed from the top, politically. How are we going to heal? Art is the healing force.”

*Robert Redford, National Arts Policy Roundtable 2012*





# Noho'ana Farm

*E ola mau ka mahi'ai ku'una – Keeping The Culture Alive In Agriculture*

**Mailing Address & Farm Address:**

Noho'ana Farm LLC  
213 West Waikō Road  
Waikapū, Hawai'i 96793

**Phone:** (808) 430-4534**Email:** Nohoanafarm@gmail.com**Social Media:** Instagram & Facebook**Proposal Date:** August 14, 2020**Date Accepted:****To:** Maui County Mayor Mike Victorino**Contact:** 'Ekolu Lindsey (Maui CARES Fund Team Member)**Address:** 200 South High St.**City:** Wailuku **State:** Hawai'i **Zip:** 96793**Email:** Care of 'Ekolu Lindsey – EkoluMCL@Hawaii.rr.com

**Proposal Overview:** Noho'ana Farm was established for over 15 years ago located in the 'ili of Noho'ana and ahupua'a of Waikapū. The mission of the farm is "E ola mau ka mahi'ai ku'una or Keeping the culture alive in agriculture" (Please see attached Noho'ana Farm Overview). The farm has 3 major focuses; cultural ag education, ahupua'a land stewardship and resource management, and community-based food production. Noho'ana Farm encompasses a total of 2 acres of fertile agricultural land centered around the restoration and cultivation of traditional lo'i kalo and agroforestry field systems throughout the farm, all located along the Waikapū Stream. To date, a total of 1 acre has been restored to its pre-western contact state. The CARES act funds has the potential to greatly assist Noho'ana Farm in expanding restoration efforts which will ultimately allow for more healthy food crops and products to be provided to the greater Maui community while protecting mauka to makai ahupua'a natural resource management efforts. Noho'ana Farm has a vision and plans for the construction of a food processing and educational training site that would directly assist in building capacity in their Hānai a Mā'ona Food Production Program focused on addressing the health and well-being of Native Hawaiians and local population within the Waikapū and greater Nā Wai 'Ehā community.

**Scope of Work:** The scope of work may include but not limited to the following;

- Clearing invasive species that have covered pre-western contact lo'i kalo complex and terraces since 1938.
- Repair & Reconstruct archaeological sites which are focused on the lo'i kalo pā pōhaku kīpapa (stone terraces).
- Restore traditional 'auwai irrigation systems that feed these designated lo'i kalo impacted by invasive species using efficient 21<sup>st</sup> century irrigation methods that minimize waste and ensuring all State Water Use Permits and IIFS are in compliance.
- Restore riparian buffers with native species associated with the Waikapū ahupua'a and other Polynesian Introduced plants to minimize sedimentation runoff that may impact Waikapū Stream, Keālia Wetland Estuary and Mā'alaea Bay.
- Restore agroforestry sites adjacent to lo'i kalo complex system by outplanting healthy food crops such as 'ulu, mai'a, niu, 'uala, and other important plants that traditionally complimented native agroforestry systems and used for increasing food production measures.
- Till, level and plant kalo within lo'i kalo.
- Assistance in constructing food processing and educational site for Hānai a Mā'ona Food Production Program and developing a Virtual 'Āina-Based Huaka'i Lessons for the Mahi a Ola Bilingual Cultural Ag Education Program.

**Workforce Requirements:**

12 Weeks (To be completed by December 31, 2020 according to CARES Fund Timeline)

(1) Agricultural Restoration & Farm Supervisor (Full-Time) (40 hours)

(1) Agricultural Restoration & Farm Field Crew Member (Full-Time) (40 hours)

(1) Virtual 'Āina-Based Learning Huaka'i Developer & Coordinator (20 Hours)

\*Contractual Labor Work (re equipment operator needed for clearing and/or processing project site construction crew)

<b>Proposed Budget:</b>					
<b>Item No.</b>	<b>Description of Item Product / Service</b>	<b>Unit Cost / Labor Cost / Fee / Tour</b>	<b>Quantity</b>	<b>Time</b>	<b>Total</b>
1.	Agricultural Restoration & Farm Supervisor	\$24.00	40 hrs/wk	12 wks	\$11,520
2.	Agricultural Restoration & Farm Field Crew Member	\$18.00	40 hrs/wk	12 wks	\$8,640
3.	Virtual 'Āina-Based Learning Huaka'i Developer & Coordinator	\$30.00	20 hrs/wk	12 weeks	\$7,200
4.	Contractual Labor (see details above)	\$25,000	TBD	12 weeks	\$25,000
5.	Irrigation Supplies	\$4,000	Misc.	12 weeks	\$4,000
6.	BCS Tiller/Brush Mower (attachments & shipping)	\$10,000	1	12 wks	\$10,000
7.	Plant propagation & plant material for agroforestry and riparian buffers	\$2,500	Misc.	12 wks	\$2,500
8.	Stihl Weed Eaters FS 311	\$1,800	2	12 wks	\$1,800
9.	Stihl Chain Saws (MS 194 / pole saw)	\$1,000	1	12 wks	\$1,000
10.	Commercial Dehydrators America ('ulu flour)	\$8,000	1	12 wks	\$8,000
11.	American Commercial Pressure Cookers (kalo-poi-kūlolo)	\$2,400	2	12 wks	\$2,400
12.	Stainless Steel 3 Compartment Sink	\$3,500	1	12 wks	\$3,500
13.	Touchless Hand Washing Sink	\$800	1	12 wks	\$800
14.	Mop Cabinet Sink	\$800	1	12 wks	\$800
				<b>SUBTOTAL</b>	<b>\$87,160</b>
				<b>TAX</b>	<b>TBD</b>
				<b>TOTAL</b>	<b>\$87,160</b>

## Noho'ana Farm Executive Summary 2020

**Noho'ana Farm Overview:** Noho'ana Farm, which means “a way of life”, is a Native Hawaiian family-owned organic farm, situated on 2.13 acres of kuleana land in Waikapū, Maui. It is comprised of a pre-western contact agricultural complex that sustains lo'i kalo, as well as, a diversified Hawaiian agroforestry system. Water derived from the Waikapū Stream feeds into traditional 'auwai that is used to irrigate lo'i kalo. The 'ili of Noho'ana was historically developed for agricultural use likely in the 1600s and thrived until the 1930s, after which the land was forced to lay fallow due to the lack of streamflow caused by sugar plantation stream diversions. In May of 2004, the Pellegrino 'Ohana, whom have genealogical ties to Noho'ana, began restoring the lo'i kalo, pā pōhaku kīpapa, and agroforestry landscapes to their original state. In addition to lo'i kalo, the agroforestry landscape is cultivated with other important Hawaiian canoe crops, such as 'ulu, mai'a, 'uala and niu, all the while using traditional, sustainable, and regenerative organic farming practices. The mission of Noho'ana Farm is “E ola mau ka mahi'ai ku'una” or “Perpetuating the Traditions of Hawaiian Agriculture”. For 16 years, Noho'ana Farm has been engaging with Native Hawaiian and local community members within Waikapū, Nā Wai 'Ehā, and the broader Maui community through their 'āina-based education program, Mahi a Ola, and value added food production program, Hānai a Mā'ona. To date, Noho'ana Farm has restored a total of 1 acre with intention of restoring the additional acreage which will further assist them in scaling up food productivity and distribution to their community. Noho'ana Farm also has a strong sustainability goals and currently, the entire farm is energy self-sufficient.

**Mahi a Ola Program:** A bilingual 'āina-based education program designed to teach keiki to kūpuna about the importance of perpetuating the traditional practices of lo'i kalo cultivation, Hawaiian agroforestry, ethnobotanical uses of plants, ku'i 'ai and other Hawaiian food preparations – all within a cultural landscape. Furthermore, the program focuses on the interdependence of the Waikapū Stream and kuleana ag lands, native stream life and plant habitat, and the broader Nā Wai 'Ehā region. Noho'ana Farm concentrates on engaging schools and community organizations from across Maui as a way to strengthen pilina to 'āina, reinforce a sense of place, cultivate awareness around traditional agricultural systems, and advocate for the protection of Nā Wai 'Ehā streams and kuleana kalo farmers. This program has served over 15,000 participants since its creation and averages 1,000 students per year. Those that participated in this program include groups from DOE public schools, UH Maui College, Lili'uokalani Trust, 'Aha Pūnana Leo, Kamehameha Schools, and numerous others. Sixty-nine percent (69%) of the program participants between the years of 2010-2019 were Native Hawaiian. Due to Covid-19, Noho'ana Farm is in the process of developing virtual 'āina-based huaka'i as a free resource for DOE Students and Teachers.

**Hānai a Mā'ona Program:** A food production and distribution program that focuses on addressing the health and well-being of Native Hawaiians and other community members within Waikapū and the greater Nā Wai 'Ehā region. Noho'ana Farm produces and markets a number of valued added products such as Waikapū Poi™, Waikapū Pa'i 'Ai, Palaoa 'Ulu (breadfruit flour), as well as raw kalo, whole 'ulu, lū'au, mai'a and niu. Palaoa 'Ulu or breadfruit flour is produced seasonal and is the first of its kind on Maui, offering a healthy and gluten free flour for cooking, baking and 'ai pono – food healthy choices. Noho'ana Farm also collaborates with numerous chefs around the island who use their kalo and other food crops in their farm to table menus. Some of these collaborations have included but are not limited to Ka'ana Kitchen at Andaz Maui, Maui Fresh Sreatery, Whole Foods, Mo'ono Food Truck, Waikapū on 30, Farmacy Health Bar, Maui Breadfruit Co., Grow Some Good, Kupu Maui, Maui Huliau Foundation and a number of culinary teams. Encouraging and engaging the Maui community to invest in local and organic food products is an important component of Noho'ana Farm's overall objectives.

# Appendix J

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## Kealaka`ihonua Heiau & Kauhale No`eau Revitalization Project at Kapokea, Waihe`e, Maui

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Wānana In Partnership with Hālau Nā Hanona Kūlike O Pi`ilani,  
Hawaiian Island Land Trust and Hanona 501(c)(3)

October 2017



North wall of Kealaka`ihonua Heiau, Mauna `Ihi sand dunes, West Maui Mountain Range, and Kalaeakahone in the background. June 2017 KRobinson

# Conceptual Project Proposal

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WĀNANA  
ADDRESS 1980 MAIN STREET, WAILUKU, HI 96793 EMAIL KEALAKAIHONU@GMAIL.COM

# Mission Statement

To restore Kealaka`ihonua Heiau as a sacred place for current and future generations to gather in prayer to pursue spiritual, cultural, and intellectual growth by being immersed in the wisdom, traditions, and knowledge of our kūpuna Hawai`i.



Panoramic of Kealaka`ihonua Heiau and the Kapoho wetlands in Waihe`e.

## Kealaka`ihonua

Heiau exists for us

to cultivate - to feed

our *piko`ekolu*, the

three cores of our

being, and to

understand the

ancestral wisdom of

our *kūpuna*.

## Introduction

Kealaka`ihonua Heiau is situated in an area known as the Waihe`e Coastal Dunes and Wetlands. It is historically noted as being a large temple of worship and state, composed of large walls and several terraced platforms, which stands out boldly on the northern seaward point in the district of Kapokea, Waihe`e. The age and origin of its construction is unknown, however, it is historically notable for being one of the heiau re-consecrated by Liholiho during the invasion and conquer by Kamehameha I. It is part of a larger *kūlana kauhale*, or village complex, of agriculture/aquaculture and habitation.

Kealaka`ihonua Heiau and the surrounding *wahi pana* (legendary sacred places) is a legacy that continues to encourage spiritual connectedness. Here, practitioners are able to enrich their knowledge through direct engagement with their elemental teachers within a traditionally sacred space. Kealaka`ihonua

Heiau exists for us to cultivate - to manifest our prayers, to feed our *piko`ekolu*, the three cores of our being, and to understand and enhance the ancestral wisdom of our *kūpuna*. Kealaka`ihonua Heiau is a foundation that demonstrates the consistency and vibrancy of the *lāhui Hawai`i* and a bridge built upon unwavering *ike kūpuna* - ageless wisdom, unwavering *ike kāhuna* - expert native intelligence, and unwavering *mana*. The innumerable generations of ancestors that have come before us and the next seven generations of descendants to come after us compels our motivations and intentions to move this legacy of traditional Hawaiian wisdom forward.



Aligning with the traditional functions in this area, a *Kauhale No`eau*, or cultural university, will be assembled around Kealaka`ihonua Heiau. The *Kauhale No`eau* will be a *pu`uhonua*, a gathering place and safe haven of abundant learning that allows for growth of both the traditional practitioner and the 21st century *kānaka maoli*. Practitioners in every Hawaiian discipline will have the opportunity to fully embrace the identities of our *kūpuna*, from emergence at birth to interment at the *one hānau*, to be born from and become one with their *kulaiwi*, their own homelands. The *Kauhale No`eau* will provide opportunities for cultural learners in the following focus areas:

- ▲ **‘Āina Momona**, stewardship and management of land and sea resources, understanding ecological balance and the reciprocal relationship of care and nurture between man and the environment.
- ▲ **‘Epekema**, merging traditional Hawaiian intellectual pursuits, such as biology, marine culture, anthropology, geology, ecology, environmental resource sustainability, and other scholarly studies with its equivalent Western academic counterpart to stimulate advanced analysis and evolved comprehension of these scientific subjects.
- ▲ **Hale O Papa**, cultivating a knowledge base specifically for the health and welfare of women.
- ▲ **Kahuna Kakalaleo, Kahuna Pule, Kahuna Nui**, encompassing the traditional spiritual realm of religion and statesmanship.
- ▲ **Kahuna Kālai Lā`au, Kahuna Kālai Pōhaku**, traditional training in carving wood and stone, traditional dry-stack masonry, building housing structures, and traditional techniques of mathematics, measurement, leveling, geometry and understanding available resources.
- ▲ **Kahuna Kilo Lani, Kahuna Kilo Hōkū**, engaging in star navigation and astronomy.
- ▲ **Kahuna Lā`au Lapa`au**, teaching traditional Hawaiian cultural medicine and healthcare practices, cultivating and gathering natural resources, and developing a template for working alongside western medicine for the betterment of healthcare across Hawai`i, focusing on the benefits of utilizing our traditional, whole foods to sustain and keep our community healthy.
- ▲ **Kauhale Malihini**, a program dedicated to the education and instruction of proper protocol for local and foreign visitors to Kealaka`ihonua Heiau and the *Kauhale No`eau*.

The *Kauhale No`eau* will be a *pu`uhonua*, a gathering place and safe haven of abundant learning that allows for growth of both the traditional practitioner and the 21<sup>st</sup> century *kānaka*

# Project Objectives

## 1. Revitalize Kealaka`ihonua Heiau as a functional heiau.

- ▲ Clean and clear the physical structure of debris.
- ▲ Acknowledge and inaugurate the customary protocol and compulsory traditional cultural practices essential to operate in and around the *heiau*, *wahi pana* (legendary sacred place), and *`āina* (land) of Kalepa, Kapoho, and Kapokea.
- ▲ Continue the story of Kealaka`ihonua Heiau and the surrounding *wahi pana* through education - understanding its sacredness, sharing its history, re-establishing its functionality, and promoting a commitment to its preservation for seven generations or more.
- ▲ Erect the basic structures required to support, host, and educate practitioners, volunteers, and visitors - including sites for repose (*hale kipa*), restrooms (*lua*), shaded areas and other crucial temporary/permanent structures.
- ▲ Establish necessary infrastructure required to support, host, and educate practitioners, volunteers, and visitors - including informational signage, safe and limited access onto *heiau*, firm foundations, and other crucial temporary/permanent infrastructure.
- ▲ Support the Hawaiian Island Land Trust in their good work of preservation and conservation.
- ▲ Seek to build up partnerships with the Maui community at large, the Waihe`e community, government entities, schools, businesses, and other local, nationwide, and international organizations.
- ▲ Provide safe access onto the conservation lands by improving the ingress/egress roads, including the repair and eventual upgrade of the road at Kalepa Stream.



Hālau Nā Hanona Kūlike O Pi`ilani at Pi`ilani Hale Heiau, Hāna, Maui, 2015

## 2. Build a Kauhale No`eau, a cultural university campus, to accommodate the advanced pursuit of traditional and evolving Hawaiian cultural, spiritual, and intellectual studies for all cultural learners.

- ▲ Assemble a team of practicing experts and students.
- ▲ Build a collection of functionally-appropriate structures in suitable sites to enhance the training of highly-developed Hawaiian cultural practitioners.

## 3. Restore Kapoho Wetland and Loko I`a Kalo.

- ▲ Support the Hawaiian Island Land Trust's initiative for the restoration of Kapoho Loko I`a Kalo and the preservation of the marshlands, its native flora and fauna.
- ▲ Support the return of fresh water (11 million gallons per day) to the Kapoho Loko I`a Kalo and its surrounding areas and the restoration of `auwai (traditional waterways).

## Time Frame

This is a general overview of the projected estimated time frame for the commencement of this project. The broad idea to this approach is to link our physical onsite work at Kealaka`ihonua Heiau and Kauhale No`eau to the season of *makahiki* in order to respect and reflect the natural ebb and flow observed in the realm of traditional Hawaiian customs. This means that onsite physical labor will open annually from October through February.

*July 2017 to October 2017*

Committee Organizational Meetings  
Hanona 501(c)(3) Review

*October 2017*

Submit Project Proposal to HILT/Scott Fisher

*December 2017 to January 2018*

Maui Island Council and HILT Review

*January 2018 to August 2018*

Community Talk-Story Gatherings

*September 2018*

Initiate Four-Year Kakalaleo Cohort

*October 2018*

Open Makahiki  
Commence Groundwork at Kealaka`ihonua Heiau

*February 2019*

Close Makahiki  
Suspend Groundwork at Kealaka`ihonua Heiau



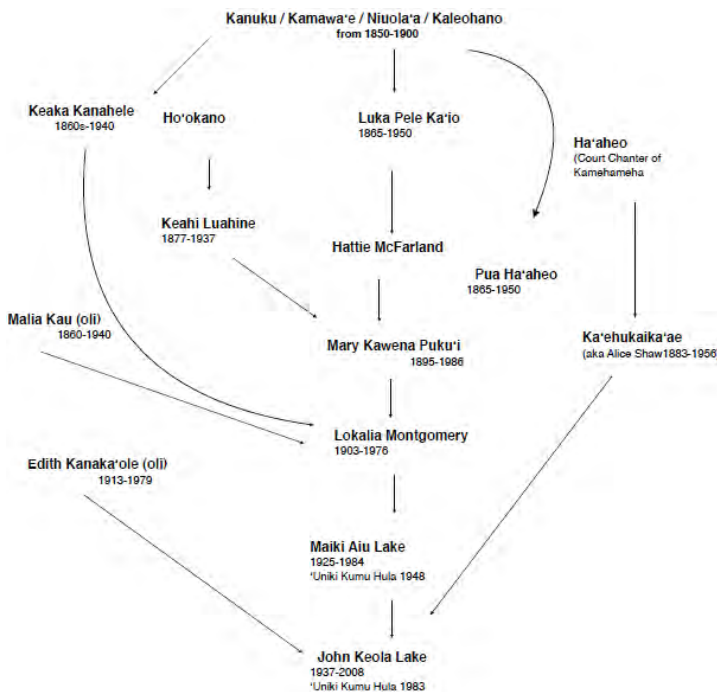
# Wānana...Who We Are

Wānana is the collective of individuals and associated groups dedicated to this Kealaka`ihonua Heiau/Kauhale No`eau Project. This group was formed in July 2017 to spearhead these efforts and include Hālau Nā Hanona Kūlike O Pi`ilani, Hanona 501(c)(3), Kapono`ai Molitau, Randy Awo, Kahu Wayne Higa, Carol-Marie Ka`onohi Lee, Mahina Martin, and Kekai Robinson. Everyone involved has committed their collective expertise and experience to ensuring the successful implementation and continuity of this project.

*Wānana*, foresight  
that inspires  
positive action.

## *Hālau Nā Hanona Kūlike O Pi`ilani*

On May 3, 2003, Nā Hanona Kūlike O Pi`ilani became part of the cultural fabric of hula, chant, and Hawaiian protocol here on the island of Maui. Under the guidance and teachings of Kumu Kapono`ai Molitau and Kumu Sissy Lake-Farm, Nā Hanona Kūlike O Pi`ilani continues to manifest its cultural belief from ancestral wisdom to help move our students into the 21st century. Our hālau stems from a rich tradition of cultural practitioners and *kumu hula* that come from the islands of Maui, Hawai`i, and O`ahu. Provided for you is a traditional *mo`okū`auhau*, or genealogy, that identifies our hālau within the legacy of our teachings. On Maui, there are a few lineages of *hula*, *oli*, and Hawaiian protocol that stem from this *mo`okū`auhau*.



**Nā Papa `Uniki Mai  
Kumu John Keola Lake**

Papa Palapalai 1980  
Papa Pukiawe 1989  
Papa Kupukupu 1990  
Papa `A`ali`i 1993  
Papa Kukui 1994  
Papa Laua`e 2003

Kumu Kapono`ai Molitau  
Kumu Sissy Lake-Farm

**Hālau Nā Hanona Kūlike O Pi`ilani  
Nā Kumu Hula**

John Kapono`aikaulikeikeao Molitau  
Naomi "Sissy" Kahakuhaupiokamakani Lake-Farm

Papa Palapalai 2008  
(Kumu Hula, Kahuna Kakalaleo, Alaka`i, `Ōlapa,  
Ho`opa`a)

## *Hanona*

The mission of Hanona, a non-profit 501(c)(3) organization, is to perpetuate and preserve the cultural and historical traditions taught and influenced by Kumu John Kaponō`aikaulikeikeao Molitau and Kumu Naomi “Sissy” Kahakuhaupiokamakani Lake-Farm and to educate the community in these traditions.



The mission is divided into three initiatives:

***Ho`omanamana Ka Pule***, to re-establish traditional *pule*, Hawaiian prayer, reanimate the interactions within *pule* and its relationship to the natural world;

***Ka Maui Ola***, to preserve and perpetuate the vision that “Hula is Life” and the lifestyle of native Hawaiians through *hula kahiko* (traditional) and *hula `auana* (contemporary); and ***Hana No`eau***, to educate and ensure skillful understanding of implements, instruments, costumes, and adornments for *oli* and *hula* and the continued traditions, protocols and disciplined practices to safeguard the resource materials required. In alignment with all three initiatives, Hanona is in full support of creating a Hawaiian cultural campus within the Maui community.

## *Kaponō`ai Molitau*

John Kaponō`aikaulikeikeao Molitau was born on the island of O`ahu and raised traditionally with the cultural guidance of one of Hawai`i’s leading authorities, the late Kumu John Keola Lake. His wisdom and forever guiding patience instilled years of cultural grounding and produced a solid foundation for Kumu Kaponō`ai to continue being a cultural authority in Hawai`i. Having studied in the traditional ways of his ancestors and validated by many cultural



*E nānā iā Hawai`i i ku`u mau maka.*

See Hawai`i through my eyes.

authorities, today he is one of the leading experts in traditional Hawaiian Protocol of Loina Hawai`i. Traditional and customary practices have maintained a continued commitment for him that has been passed on to his students around the world. He is Kumu Hula of Nā Hanona Kūlike O Pi`ilani alongside his sister, Kumu Hula Naomi “Sissy” Kahakuhaupiokamakani Lake-Farm. This Hālau Hula is celebrating 15 years of cultural excellence in Maui. His 30 years of study in Hawaiian language, history, hula, and chant both traditionally and through the University of Hawai`i at Mānoa has guided him to many parts around the world promoting the cultural realism of Hawai`i’s host culture.

Having a solid foundation in *Ioina Hawai'i*, Kumu Kaponō'ai is the leading Kahuna Nui, high priest, of Pu'ukoholā Heiau National Park, the original Temple of State of Kamehameha I. For the past 20 years, he has guided many Hawaiian practitioners, Polynesian dignitaries, Heads of State, Hawai'i county and state, and federal organizations to the annual Ho'oku'ikahi events each August. His patience and continual commitment to the cultural practice of Hawai'i is a solid reflection of his ancestral guidance. Kaponō'ai Molitau is recognized by the Royal Order of Kamehameha as the Kahuna Nui for the State of Hawai'i and continues his commitment to the legacy set forth by Kamehameha V Lot Kapu'iwa established in 1865.



Nona Beamer and Kaponō'ai Molitau, Aloha Music Camp

Kumu Kaponō'ai has continued Hula Ki'i as a tradition in his own hālau as well as worked with the Hula Preservation Society promoting Hula Ki'i traditions at the 49<sup>th</sup> annual Merrie Monarch Hula Competition. In 1993, Kumu Kaponō'ai and Hālau Mele, under the direction of Kumu John Keola Lake, collaborated with Raplee Nobori on the hula drama entitled, "The Death of Keoua", which utilized Hula Ki'i and traditional Kabuki Theater styling. This hula drama toured throughout the state of Hawai'i over the course of a year. In 2009, he traveled to

late Senator Daniel Inouye to the National Museum of American Indians (NMAI) to rededicate the traditional Hawaiian canoe in the NMAI rotunda, which also marked the 5<sup>th</sup> anniversary of the NMAI building, also sharing the Hula Ki'i drama of "Punahou" at NMAI. In 2011, Kumu Kaponō'ai created a summer workshop with the Bishop Museum on Hula Ki'i traditions found throughout Hawai'i.

In 2009, Kumu Kaponō'ai and his wife, Jennifer Molitau, established Native Intelligence, a new Hawaiian cultural resource center and design company that champions Hawaiian practitioners, craftsmen, and artisans. Their business is located in the heart of Old Wailuku Town and has



Nā Papa Kānaka gathered at Ho'oku'ikahi ceremonies at Pu'u Koholā Heiau, Kōhala, Hawai'i, 2016. Kahuna Nui Kaponō'ai Molitau pictured at top of heiau.

expanded to include cultural workshops, evening functions, Hawaiian gatherings, and activities to promote traditional artisans from Hawai'i.

Kumu Kaponō'ai Molitau is a Board Member of the Hawaii Pacific Parks, a non-profit cooperating association in partnership with the National Park Service in Hawai'i and Samoa, and a Board Member of the Maui Nui Botanical Gardens.

### ***Randy Awo***

Randy Kalei Awo was born on O'ahu and raised on Hawaiian Homestead lands in Waimanalo. His parents were George and Lillian (Mahi) Awo. His love for Hawai'i and its natural environment was developed early in his childhood as he spent much of his time in the ocean and wandering the Ko'olau mountains. Many of his early life lessons came to him from his grandfather, Joseph Mahi and his uncles who were skilled fishermen and knowledgeable about traditional konohiki practices. Those elders, along with his father, were his role models and mentors. They instilled in him traditional knowledge



geared toward sustainable practices for gathering, conserving and protecting Hawaii's natural resources. Randy attended Waimanalo Elementary, Holy Trinity Elementary and St Louis High School. He has a B.A. in Political Science from the University Of Hawaii Manoa. In 1988, following in the footsteps of his father he began working for the Department of Land & Natural Resources, in the field of Conservation and Resources Law Enforcement, focusing on the protection of Hawaii's natural, cultural and historic resources. In 1999, he became the Conservation Enforcement Branch Chief and responsible for planning, directing and coordinating all law enforcement operations and personnel for the islands of Maui, Molokai, Lana'i, Kaho'olawe and its surrounding ocean waters. In 2010, he became the statewide DLNR Administrator for the Division of Conservation and Resources Enforcement and responsible for managing operations occurring throughout Hawaii. During his career he was a strong proponent of forming government to community partnerships through collaboration, educational outreach and promoting conduct that encouraged mutual respect and trust in order to achieve goals of common interest. After 32 years in public service, he retired in December 2014. He has lived on Maui since 1980 and currently resides in Waiehu with his wife Momi.

### ***Wayne Higa***

Wayne Higa was born and raised on the island of Maui. He is a descendant of maternal grandparents Ella Haia`ula Kapaku and William Ulumaheihei (Luma) Purdy, who served as Senior Deacon of Ka'ahumanu Church, and mother Bernice Kuemanu Purdy. Although he was raised as a Buddhist, he and much of his family was baptized at Ka'ahumanu Church. In 2006, he became the Pastor of Ka'ahumanu Church and he is known fondly throughout the Maui community as Kahu Wayne. He attended Lihikai School, Kihei School, Lahainaluna High School, and Baldwin High School. He served in the United States Army for four years. In 2016, he retired from the State of Hawaii, Department of Transportation at Kahului Airport. He is a Kahuna Kakalaleo of Hālau Nā Hanona Kūlike O Pī'ilani. He and his wife, Debi, are blessed with five sons and one daughter and many grandchildren, all of whom are active in their respective churches.



### *Carol Marie Kaonohi Lee*

Carol Marie Kaonohi Lee was born in Kula Moku and raised in Honua`ula Moku in the Ahupua`a of Mo`oloa on the island of Maui. She attended Ulupalakua School, Kihei School, and Kamehameha Schools. She has a B.A. Sociology with an emphasis in Psychology. After a thirty-year career in the private and public sector, she was hired as the Commission Assistant for the Kaho`olawe Island Reserve Commission (KIRC) in 2000, where she is currently the Administrative Officer. She currently leads the Board of Directors of Hanona, a newly-formed non-profit organization dedicated to the preservation of Hawaiian cultural and historical traditions. Her work with KIRC and as a student of Hālau Nā Hanona Kūlike O Pi`ilani has inspired her to firmly reestablish a deeper connection to where she comes from and who she is. She continues to seek enlightenment, bring honor to those who have laid a strong foundation, and to strengthen that foundation for generations to come. In addition to Hawai`i, she has lived in the mainland United States and Germany.



### *Mahina Martin*

Born and raised on Maui, Mahina Martin has a life-time commitment to building community strength. She has served as the communications director for the County of Maui during the administration of Mayor Charmaine Tavares, spent years as a non-profit executive of a domestic violence agency, and worked as a recruiter covering five islands for a federally-funded youth training and education program. For the past four years, Mahina has been with Maui Electric



Company as its Director of Government and Community Relations. In 2015, Mahina received the inaugural Hawaiian Electric Industries Kokua Champion Award for her community involvement which included being a volunteer for the American Red Cross, coordinating an annual candlelight vigil for victims of domestic violence, serving as chair of the St. Anthony High School Alumni Association, serving on the American Cancer Society's Maui Hope Fest event committee, and organizing the Maui Interscholastic League's high school paddling regattas involving twelve high schools in Maui County. The Kokua Champion's \$1,000 award was contributed to one of her favorite non-profits, the Valley Isle Animal Rescue organization.

For over thirty years, community advocacy work has been at the forefront of her personal and professional efforts. In 2007, the Office of the Mayor and the County of Maui's Department of Management named Mahina its recipient of the Employee of the Year Award for her efforts during multiple public safety emergencies affecting the communities of Maui, Molokai and Lanai. She is also the recipient of the Sierra Club-Maui Onipa`a Award in recognition of her work as founder of

PLDC Watch and the successful community-driven repeal of Act 55, a Hawaii state law that created the Public Land Development Corporation (PLDC). The repeal of Act 55 prevented the use of public preservation funds for commercialization of thousands of acres of public lands throughout Hawaii, the majority of which were lands located on the neighbor islands. Recently, as a community advocate, Mahina helped lead a successful community-driven effort to repeal a County law related to a 24-hour availability of retail alcohol sales that was lacking sufficient public notification and community engagement.

Mahina is a former Department of Hawaiian Home Lands commissioner and past board member of the Maui Native Hawaiian Chamber of Commerce, the Maui Chamber of Commerce, and other organizations. She is a member of Na Hanona Kūlike O Pī'ilani, Hawaiian Canoe Club, Ka 'Ohana O Kalaupapa, and the International Association of Public Participation (IAP2). As a presenter at the 2017 IAP2 North American Conference, Mahina's topic of public engagement in Hawaii highlighted the critical need for cultural sensitivity. Mahina attended Maui Community College, Cannon's Business College and Chaminade University. When not working with a project team or volunteering, she can be found hiking, paddling, wrestling with her dogs, or catching up with her family's activities. Mahina is active on social media where she believes that it can be a useful tool to encourage, guide, learn from and keep an eye on grandchildren – much to their dismay.

### ***Kekai Robinson***

Kekai Pili-Robinson was born and raised in Wailuku on the island of Maui. She is bound to the lands of Kepaniwai, `Āao, Paukūkalo, Waikapū, Waihe`e, Pukuilua, Hāna, Kaupō, Nu`u, Waiakoa, Ulupalakua, Pauoa, and Nāpo`opo`o through her ancestors Kanene`eau, Pili, Koko, Anahu, Kahalepuna, Faustino and Olsen. She attended Wailuku School, `Āao School, and Kamehameha Schools, Kapālama. She has an A.A. and B.A. in Human Relations from the University of Hawaii Mānoa, focusing on Hawaiian Studies, Anthropology, and Secondary Education, and a business certificate from Kaplan University. She owns Ho`āla Transcription Services, a small business providing medical and legal transcription services for over 20 years. She has been involved with various community non-profit organizations, most notably the Juvenile Diabetes Foundation, Children with Special Health Needs, and the Maui Historical Society. Singer and songwriter, she plays the upright bass in Maui's wahine Hawaiian music trio, Ahumanu. She lives in Waihe`e with her husband, Paul, and their three sons, and they are all students of oli, hula, and hana no`eau with Hālau Nā Hanona Kūlike O Pī'ilani.



# Appendix K



  
**KŪPALE**  
TECHNOLOGIES

**RESPONSIVE • PROFESSIONAL • RESULTS-DRIVEN**

In association with H2O Process Systems and Sanitation and Sterilization Professionals

Kūpale Technologies • 1-808-633-1111

# SOCIALLY RESPONSIBLE ENVIRONMENTAL SAFE

[CLICK TO WATCH DEMONSTRATION](#)



## OVER 9,000 HOURS OF COVID-19 “QUICK-KILL” DISINFECTION SINCE MARCH 2020

### COVID-19 RESPONSE

#### Hawaii Statewide Airports System Hand Sanitizer Systems Support and Maintenance

- Daniel K. Inouye International
- Ellison Onizuka Kona International Airport
- Hilo International Airport
- Kahului Airport
- Lihue Airport

#### City and County of Honolulu Hand Sanitizer and Sanitizer Systems

- Oahu Transit Services - “Quick-Kill” Disinfection
- TheBus
- TheHandi-Vans
- Facilities

#### Maui County Hand Sanitizer and Sanitizer Systems Maui Bus ADA Paratransit

#### Matson Inc. - “Quick-Kill” Disinfection Statewide Facilities and Vehicles

### COVID-19 EMERGENCY RAPID RESPONSE

- Island of Molokai - “Quick-Kill” Disinfection
- Hana, Maui - “Quick-Kill” Disinfection

DISINFECTION USING “LIST-N”  
EPA CERTIFIED FORMULAS AND CDC PROTOCOLS

#### THEBUS



#### THEHANDI-VAN







Germstar® specializes in the highest quality hand sanitizing products on the market. Our premium liquid hand sanitizer kills 99.99% of germs without the sticky residue of a gel or a foam, leaving hands moisturized and soft. Our all-natural proprietary solutions consist of only five or less ingredients, free of harsh chemicals, never tested on animals.



# KŪPALE TECHNOLOGIES

RESPONSIVE • PROFESSIONAL • RESULTS-DRIVEN

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# Appendix L

*Aloha*



## Adaptability Fund Outline August 4, 2020

Proposed by the Mayor's Task Force

Administered by



## Need

Health and safety protocols in the COVID-19 environment are requiring costly investments for Maui County businesses to:

- Re-open safely to conduct business
- Re-tool operations
- Expand customer markets virtually





# Purpose

- Grants to Eligible Maui County Businesses:
  - Support costs required to re-open and conduct business in compliance with health and social distancing guidelines
  - To modify operations:
    - Physical space adaptations
    - Invest in technology infrastructure
      - Expand their virtual platforms
      - Web-based and Social Media marketing
      - E-commerce.
- Flexibility for businesses to customize investments for their unique business needs



## Eligibility Examples

- Maui County Businesses
- **For-profit and Non-profit**, with employees shared workplaces and public/customer/client/patient serving spaces.
  - Currently operating
  - Re-opening strategy development
- **Home-based businesses** which have traditionally relied on craft and public markets for access to customers, e.g. hotel lobbies, craft fairs, and consignment spaces.
- **Consultants and Independent Contractors**
- **Creative and entertainment industries**, artists, artisans, musicians, and cultural performers

*Ineligible: Internationally/Nationally-owned chains, but locally-owned franchised businesses allowed to apply, e.g. McDonalds or Service Stations*



# Recommended Grant Amounts

- Grants will range from \$5,000 to \$25,000\*
- Businesses will be required to submit a budget with proposed expenses and purpose
- Documentation of Expenditures

\*amounts subject to change with market conditions



## Administration and Process Development

- MEDB will work with Business Alliance colleagues, partners and the Mayor's team to conduct outreach and marketing of the fund. EQUITY of ACCESS GOAL
- Design a streamlined application process
- Tap MEDB Board Members with financial experience to serve as the Grant Award Selection Committee.
- Provide technical assistance in the application process and strategies for survival





## Web Hui

- Website to serve as a portal for resident professionals
  - Maui County web developers, social media and web-marketing professionals, photographers, videographers, office space designers, HVAC/filtration system experts, and contractors to assist grantee companies with physical space required safety adaptations
- Keep funding circulating in our economy
- MEDB partners: Maui Tech Ohana, Maui Techies, Maui Social Media Users Groups (SMUG), Maui WordPress meetup groups, and other connections to populate the proposed “Web Hui.” (Estimated cost is \$15,000).



## Market Research

- Preliminary local market testing for going rates for the prior listed professional services that our businesses may seek to re-tool operations:
- Estimates for plexiglass, office re-design and space adaptations, adding outdoor space and other PPE can range from \$5,000 to \$20,000 on average
- A robust E-Commerce hosted website, with shopping cart and chat features is estimated at \$25,000.



# MEDB Experience

- MEDB will continue its existing business technical assistance to help businesses pivot and survive in COVID-19
  - Webinars on restructuring, financial tools, accessing capital, off-shore marketing, social media, E-Commerce
  - One-on-one coaching/mentoring
- MEDB will leverage its existing partnerships, state and national leadership positions to bring other resources
- Align with Workforce Development
- MEDB has managed \$35 million in federal funds
- A-133 Audit Annually, MEDB considered low-risk auditee based on federal experience and financial infrastructure



# Mahalo!

**Questions  
Comments  
Recommendations?**



## HealthCARES

Maui County – Healthcare Sector Proposal  
August 4, 2020

*Countywide collaboration to address current healthcare needs on Maui while planning for needs of the future.*

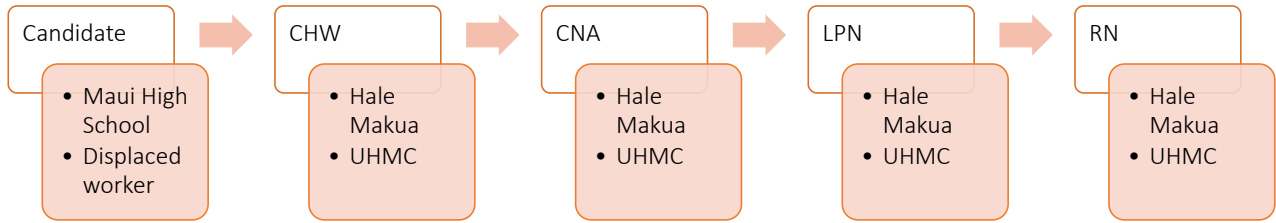


## Social Determinants of Health

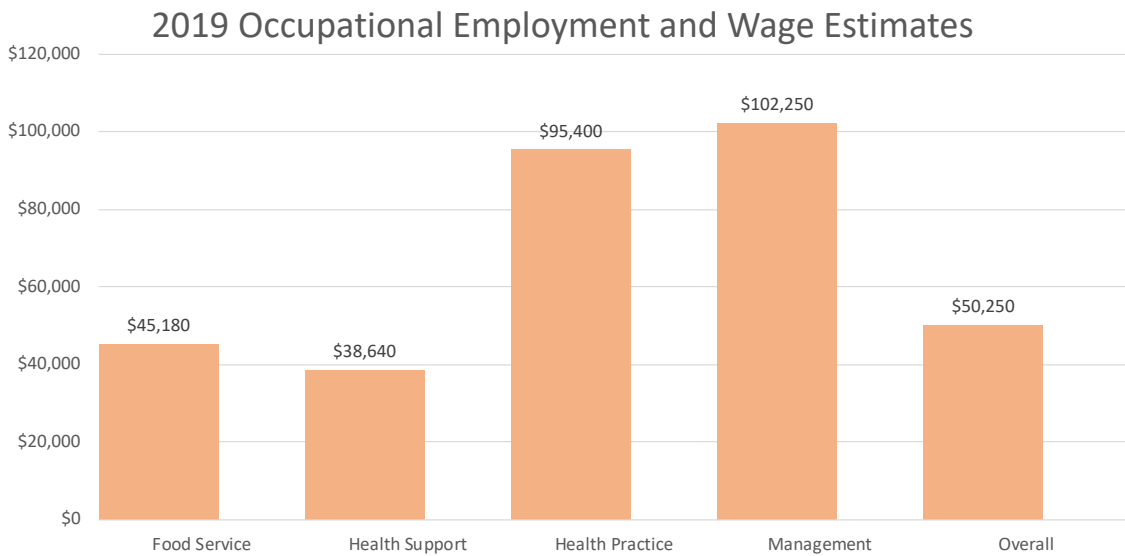
Conditions in the places where people live, learn, work, and play affect a wide range of health risks and outcomes.



# Healthcare Pathways



# Wage Estimates





# HealthCARES Goals

1. To create jobs – opportunities for hospitality workers to become healthcare workers earning a living wage
2. To expand food delivery options – local, nutritious, prepped meal delivery to high risk families and kupuna
3. To adapt the care management model – expansion of home health services, personal care programs and home improvements



HALE MAKUA HEALTH SERVICES

## Goal #1: Job Creation

- 50 full-time positions with benefits for 3 months:
  - ✓ CNA: Certified Nurse Assistant (education, training, hiring)
    - Hale Makua
    - Maui Medical Group
    - Kula Hospital
  - ✓ LPN: Licensed Practical Nurse (education, training, hiring)
    - Hale Makua
  - ✓ CHW: Community Health Worker (training, hiring)
    - Malama I Ke Ola
  - ✓ Other: Housekeeping, Dietary, Nutrition, Social Workers, Resident Aides
    - Hale Makua



HALE MAKUA HEALTH SERVICES

## Goal #2: Expand Meal Delivery Service

- Hale Makua and other Maui organizations to partner with local farmers and restaurant chef to provide refrigerated, prepared meals to kupuna in need
  - ✓ Expansion of ongoing current hot-meal delivery
  - ✓ Refrigerated, prepared meals will be produced by a local restaurant with Maui ingredients
  - ✓ Refrigerated meal delivery will allow time for Community Health Worker to administer as well-being assessment of resident



HALE MAKUA HEALTH SERVICES

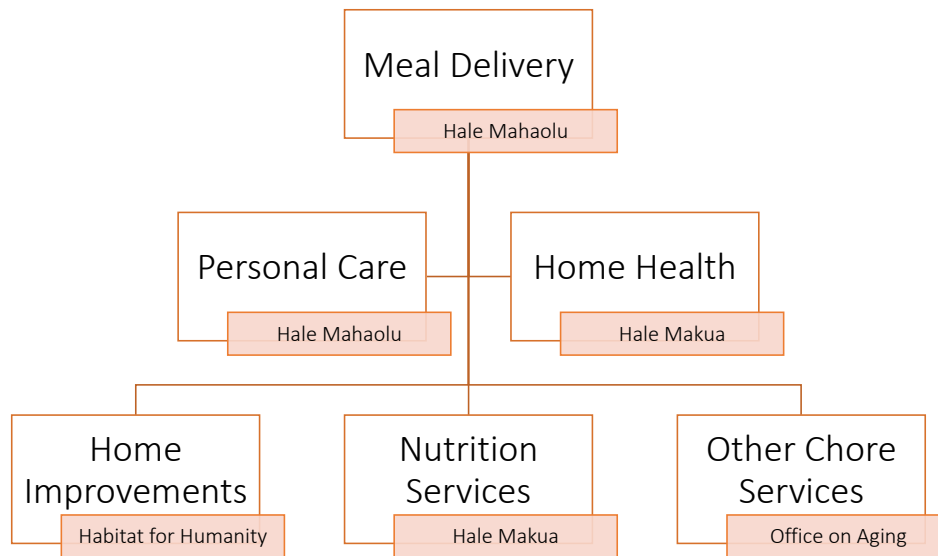
## Goal #3: Care Management Model

- Adapt and collaborate to provide in-home services
  - ✓ Meal delivery model will trigger social determinants of health assessment for those most at-risk
  - ✓ Model will identify need and alert service provider
    - Habitat for Humanity: home improvements
    - Hale Mahaolu: personal care
    - Hale Makua: home health
    - Other needs: mental health, physical therapy, nutrition services, etc.



HALE MAKUA HEALTH SERVICES

# Care Management Model with Meal Delivery



## HMHS – Other Opportunities

- Transportation
  - o Home Health services, meal delivery, emergency room diversions
- Re-opening and future expansion of Adult Day Health Services
  - o Current venue is in the center of long-term care facility so has been closed since beginning of COVID pandemic for safety of residents
  - o Re-opening at a separate, safe location



## East Maui Kūpuna Hui – COVID-19 Relief & Recovery Initiatives

**Community Need:** Due to our community’s geographic isolation and limited health care facilities and medical professionals, an outbreak of corona virus cases in East Maui would be extremely challenging to manage with our current resources. Although we hope East Maui will continue to be spared from infection, a number of grassroots, community-based initiatives have sprung up to address the needs of vulnerable populations—especially our kūpuna.

Some of our kūpuna living in the outlying districts of Wailuanui, Keanae, Nahiku, Koali, Kīpahulu, and Kaupō do not have access to basic infrastructure such as drinking water, running water, electricity, and internet access relying instead on off-grid solutions such as water catchment and pv systems. It is also common for multiple generations to live in a single household increasing our kūpuna’s exposure risk with little options for isolation should an ‘ohana member become infected with the corona virus.

As we prepare for a long-term response to the corona virus, we must activate sophisticated, place-based solutions that protect East Maui’s vulnerable populations while promoting overall well-being.

**East Maui Kūpuna Hui:** In response to the rapidly changing service landscape created by the coronavirus pandemic, East Maui kupuna-centric organizations, health-oriented service providers, local nonprofits, place-based hui, government agencies and representatives, and Native-Hawaiian serving entities started gathering in late April 2020 to discuss how to better coordinate our efforts to protect and serve East Maui’s kūpuna.

The group has since been meeting regularly to: share program/service updates; discuss COVID-19 specific issues or needs; and to work together on collaborative initiatives to address these needs. Specifically, the group has been working on:

- Identifying locations within each district that can service as “isolation units” for kūpuna or infected family members
- Compiling a comprehensive list of all East Maui kūpuna and identifying gaps in existing family and/or community support systems
- Forming place-based, grassroots teams that connect every kupuna in East Maui to an advocate that can ensure their needs are being met
- Initial steps to create a comprehensive resources directory and well-being/needs assessment
- Exploring a partnership with UH Maui College to conduct a distance-learning CNA certification program in Hāna

### **Proposed Project: East Maui Kūpuna Hui – COVID19 Relief & Recovery Initiative**

**Goal:** To protect and promote the overall wellbeing of East Maui’s kūpuna—from Kaupō to Keanae—throughout the duration of the coronavirus pandemic.

**Objective 1:** Activate grassroots, place-based teams that assist kūpuna in their wahi with accessing resources and getting their needs met in a safe and caring manner.

**Objective 2:** Compile a comprehensive East Maui Kūpuna Resource Guide that is regularly updated and work with place-based teams to make sure this information is easily accessible and available for kūpuna.

**Objective 3:** Work with place-based teams to conduct an East Maui Kūpuna Well-Being and Needs Assessment to inform both immediate relief efforts and future collaborative initiatives.

**Objective 4:** Identify and secure locations for isolation for either kūpuna or an infected family member within each wahi. Plan for longer term solutions such as mobile isolation units.

**Objective 5:** Pilot place-based kūpuna support positions to provide caregiver relief, socialization activities, chore service, grocery shopping, and transportation.

### Activities & Timeline

Activity	Timeline
<b>A. East Maui Kupuna Hui</b>	
A.1. Gather regularly, continue to strengthen & grow network	04/29/20 – 12/31/20
<b>B. Place-Based Teams (Objective 1)</b>	
B.1. Recruit leadership and volunteers for teams	06/01/20 – 08/30/20
B.2. Create systems for communications, resource distribution, decision-making	08/01/20 – 08/30/20
B.3. Activate and maintain place-based teams	09/01/20 – 12/31/20
B.4. Work with Place-Based Teams to create and distribute care-packages that meet the specific needs of kūpuna in their wahi	09/01/20 – 12/31/20
B.5. Provide ongoing support as needed	09/01/20 – 12/31/20
<b>C. Resource Guide for East Maui Kūpuna (Objective 2)</b>	
C.1. Create framework for the Resources Guide based on feedback from EMKH	08/01/20 – 08/31/20
C.2. Gather information on service providers, services, and resources available	09/01/20 – 10/31/20
C.3. Gather photos, quotes, enrollment forms, and other content needed	09/01/20 – 10/31/20
C.4. Explore partnership with HanaMaui.com to post Resources Guide online	09/01/20 – 10/31/20
C.5. Create & Distribute Resource Guide	11/01/20 – 12/15/20
C.6. Make improvements based on user feedback	12/15/20 – 12/31/20
C.7. Keep Resource Guide updated and work with place-based teams to keep kūpuna updated on available resources	12/15/20 – 12/31/20
<b>D. East Maui Kūpuna Well-Being and Needs Assessment (Objective 3)</b>	
D.1. Create framework for Assessment based on feedback from EMKH	08/01/20 – 08/31/20
D.2. Work with place-based teams to implement Assessment	09/01/20 – 10/30/20
D.3. Compile information and share based with East Maui Kūpuna Hui	11/01/20 – 11/14/20
D.4. Identify immediate response and potential future collaborations	11/15/20 – 12/15/20
<b>E. East Maui Kūpuna Isolation Units (Objective 4)</b>	
E.1. Work with Ala Kukui to pilot isolation unit protocols at their facility in Wakiu	08/01/20 – 09/30/20
E.2. Recruit unit owners and managers to identify options within each wahi	08/01/20 – 09/30/20
E.3. Formalize safety and compensations agreements	10/01/20 – 11/30/20
E.4. Offer place-based isolations solutions for kūpuna in East Maui	10/01/20 – 12/31/20
<b>F. Pilot Place-Based Kūpuna Advocate Positions (Objective 5)</b>	
F.1. Create job descriptions, pay rates, & systems for performance assessment	08/01/20 – 08/15/20

F.2. Recruit/hire for each position, conduct orientation activities & COVID-19 safety protocol training	08/15/20 – 08/31/20
F.3. Advocates work with Place-Based Teams to meet the needs of kūpuna	09/01/20 – 12/31/20

**Budget: \$75,000**

Expense	Place Based Teams	Resources Guide	Well-Being Assessment	Isolation Units	Kūpuna Advocates	TOTAL
Personnel*					40,375.00	40,375.00
Payroll Taxes & Fringe					3,625.00	3,625.00
Consultants/ Contractors				1,000.00		1,000.00
Project Supplies						-
Printing & Mailing		1,500.00				1,500.00
Mileage & Expense Reimbursements	4,500.00					4,500.00
Cleaning & Facility Rental Fees				7,500.00		7,500.00
Kūpuna Care Packages	12,000.00					12,000.00
General & Administrative		1,500.00	1,500.00		1,500.00	4,500.00
<b>Total</b>	<b>16,500.00</b>	<b>3,000.00</b>	<b>1,500.00</b>	<b>8,500.00</b>	<b>45,500.00</b>	<b>75,000.00</b>

\*Advocate positions calculated at \$25/hr x 19 hrs/wk x 17 wks x 5 positions

**East Maui Hui to Mālama Kūpuna during the COVID-19 Pandemic**

Kupuna-Centric Organizations

Hale Hulu Mamo

Kaunoa Senior Services

Health Organizations

Hana Health

East Maui Medical Clinic  
Hui No Ke Ola Pono

Community-Based Organizations

Aha Moku O Kaupō  
Ala Kukui  
Hāna Emergency Preparedness Team (HEPT)  
Hāna Farmers Market  
Hōlani Hāna  
Kīpahulu Ohana  
Ma Ka Hana Ka 'Ike  
'Ohana Makamae  
Project Ho'omana

Government Agencies or Representatives:

Maui County Office on Aging  
State of Hawaii Public Health Nurse  
Councilmember Shane Sinenci & County Council Office  
Senator Kalani English & Chief of Staff

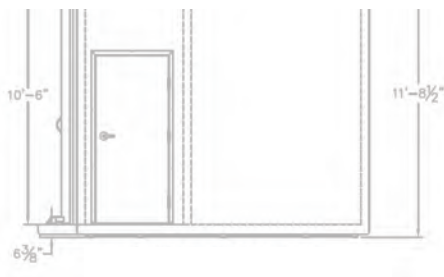
Lāhui Organizations:

Office of Hawaiian Affairs  
Kamehameha Schools  
Alu Like

Educational Institutions

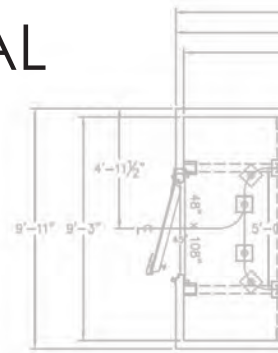
UH Maui College

# Appendix N



## VENISON PROCESSING FACILITY PROPOSAL

MAI NUI  
VENISON



4" WALLS  
6" CROWNED ROOF  
1/2" STANDARD DUTY FLOOR

### INTRODUCTION

*Maui Nui Venison's mission is to balance Hawai'i's Axis deer populations for the good of our environment, communities and food systems.*

**This proposal outlines the economic benefit, cost and use of a venison processing facility on Maui and how that facility would be a substantial step forward in Maui Nui's mission to help slow the exponential increase of Hawai'i's Axis deer populations.**

Over that past five years, Maui Nui has pioneered and refined a process to harvest Axis deer in the wild, utilizing FLIR technology to complete USDA inspection through stress-free harvesting. To date, they have completed over 370 successful field inspections and have harvested and slaughtered over 7,000 deer under USDA certification in their mobile slaughter facility.

One of the major bottlenecks to expanding operations on Maui and scaling Axis deer management across Maui County has been the availability of USDA inspections. The process of field-harvesting Axis deer requires both a USDA inspector and USDA veterinarian to be present, with only two available for all USDA facilities in the State of Hawai'i. For five years this has meant paying to have USDA veterinarians flown in for every harvest to complete inspection. In January 2020, after five years of requests, the first USDA veterinarian was assigned to the island of Maui to accommodate axis deer inspections on Maui.

That assignment was based on the consistent need and continual requests for over five years as well as Maui Nui's exemplary record as a USDA operator.

Maui Nui currently field harvests and slaughters approx. 150-200 deer per month. Those deer are USDA approved, labeled and then shipped as a whole carcass to the mainland for processing. Over the last five years we have explored and tested all in-state processing options, including local operators Decoites and Maui Cattle company, none of which had the capacity to accommodate deer processing. Processing on the mainland is currently our only option and the facility we are currently working with, Nicky USA, is unable to increase capacity and accept more deer for processing.



## THE FACILITY

For the cost of \$547,000, Maui Nui Venison could purchase a USDA approved, turn-key, venison processing facility that would increase harvesting capacity from 150 to 760 deer per month that would be fully operational and staffed prior to December 31st, 2020.

Maui Nui already has a commitment from two large landowners that would immediately accommodate a long-term lease agreement for the land requirements of the facility. Both locations have the necessary space, power and potable water to ensure the facility is operational prior to December. Both locations also have already been discussed and preliminarily approved by the USDA.

MAUINUUI Pg 2



### The purchase of the venison facility would include a:

#### - Chilled carcass trailer (1)

- This would allow the transport of slaughtered whole carcass deer from anywhere on Maui to the venison processing facility.
- \$110,000 (see appendix for quote)

#### - Hanging carcass container (1)

- This would allow for the short-term chilled storage of whole carcass deer prior to and during butchering and packaging process.
- ~\$150,000 (see appendix for quote)

#### - Butcher Container (1)

- This would allow for all butcher work from whole carcass to subprimal breakdown, including retail cuts like ground, stew chunks, roast, leg medallions etc.
- ~\$150,000 (see appendix for quote)

#### - Packaging Container (1)

- This would allow for all retail and consumer packaging from 1 lb to 10 lb increments.
- ~\$150,000 (see appendix for quote)

\* Maui Nui already owns frozen and dry storage containers to support the facility.

The facility would require the support and hire of 10-12 new employees from Maui, including: 3 field, 3 processing, 3-4 butcher, 1 management and 1 administrative staff member. The 10-12 new staff members' salaries would equal approximately ~\$500,000 annually, doubling Maui Nui's current 11 full-time, salaried employees.

## THE IMPACT

The proposed facility would also help address the urgent need for additional Axis deer management for ranchers, farmers, watersheds, roadways and reefs; all of which play a critical role in local food systems, security and economy.

As a measurable example of the economic impact of Axis deer, in 2018 an Axis deer impact analysis was completed at Ulupalakua Ranch to help measure the direct economic impact of Axis deer on the ranch. The results were as followed:

*Based on comparative animal unit feed consumption and cattle market values, a single Axis deer costs a rancher ~\$90 per year in dry feed. Annual management and removal efforts by Maui Nui saved Ulupalakua Ranch \$325,000 in dry feed alone in 2018.*

MAUINUUI Pg 3

Other benefits of Axis deer management at the ranch and in the immediate area were:

- Decreased pressure and removal of deer from within and around the Auwahi Forest Restoration Area. Within the restoration area there are 9 plant species Federally listed as endangered. These forests are also critical to long-term public water resources and play a crucial role in slowing the effects of climate change through carbon sequestration.
- Decreased damages at Ulupalakua's winery and neighboring golf courses in the Makena area - both staple attractions to the visitor industry.
- Decreased erosion and sediment deposits on reefs from Makena to Keawakapu - some of Maui's most important marine ecosystems and valued beaches and recreation areas for residents and tourists.
- Preservation of open spaces. Decreasing Axis deer impacts in dry marginal ranch lands increases cattle profitability and therefore decreases the likelihood of those lands being converted to subdivisions or industrial areas.
- Reducing the likelihood of collisions on adjacent highways. Reducing the overall density of Axis deer means deer are less likely to congregate and cross major roadways to expand their home range while seeking additional feed and water because of overpopulation.

With the direct and measurable benefit of Axis deer removal being a minimum of \$90 per deer annually, a new processing facility that would result in an increase of 7,320 additional deer harvested each year would have a minimum direct economic impact of \$658,800 annually.

The opportunity to scale this scenario across Maui County brings extraordinary value to its residents. Unlike other invasive species projects that spend money to mitigate environmental and economic threats, funding the increased capacity to harvest this invasive species will undoubtedly improve the environment and economy as well as help to grow an entire industry that has no dependency on tourism.

# COMMUNITY

One of the biggest benefits of the proposed processing facility would be more venison staying on the islands and being utilized locally.

The costs savings of running our own facility would be approx. 20-24% and those savings would be used to support the continuation of our Holo 'Ai and Kama'aina programs.

In response to COVID-19, Maui Nui started its Holo 'Ai program. Holo 'Ai is the term for a traditional food bundle and can also mean to speed food to where it is needed. To date we have donated 20,000+ lbs of venison to Food Banks and other incredible community groups across the State (see appendix). We couldn't have done it without the amazing partners who helped turn this great protein source into 53,000+ meals for food insecure areas of our communities. With the support of a new venison processing facility, Maui Nui would be able to commit to donating 24,000 lbs of venison in 2021, with a minimum market value of \$144,000.



MAUINUI Pg 4

For us, the program was not born out of a need for charity, but out of a need for change. It is about how to continue to better the way in which our communities are able to access and engage in Hawaii's collective abundance. There is a lot of work to be done to build resilience and equity into our local food systems, and we believe that those who have the capacity to build, should build.

At the core of our mission is the support of our local food systems and one way we do that is through our Kama'aina program. We are committed to finding ways to make venison more accessible to our local customers and we specifically designed our out-of-state product pricing to support our in-state Kama'aina program. This would mean local residents and businesses could get 25% - 65% off of venison for home delivery and, with retail ready packaging, we would be able to support local grocery stores with consistent supplies of venison.

If we only look at those clear and measurable economic impacts outlined above, which include new jobs, donations to the food bank and mitigated damages to ranchers, the impact of a venison processing facility on Maui's economy in 2021 would amount to \$1,302,800.

Maui's current Axis deer population is estimated to be 52,000 animals, the growth of which is expected to reach 200,000 by 2032 without aggressive management.

We would encourage anyone wanting to learn more about Maui Nui Venison to visit the link below and watch our Mission video: <https://mauinuivenison.com/pages/mission>

Mahalo nui,

Jake Muise

# Appendix

MAUINUI Appendix

## Maui Nui Venison Donation Summary

Request Date	Ship	Confirmed Pick Up	Quantity	Pounds	Arrival	Organization Name	Contact Person
3/30		Maui Food Bank	1250/ 25 boxes	1250	Maui	Maui Food Bank	Keith
3/30	4/2	12PM Johnny. with Lanakila	300lbs/ 6 Boxes	300	Oahu	Lanakila Pacific	Reid Yasunaga
	4/2						
3/30	4/2		500LBS/ 10 Boxes	500	Oahu	The Pili Group (used ALOha Harvest	Mark and Amanda Noguchi
3/30	4/2	1PM George Stevens,	500LBS/ 10 Boxes	500	Oahu	Aloha Harvest	Phil Acosta
4/7	4/2	Wes, Hawaii Food bank	1000lbs/20 Boxes	1000	kaui	Kauai Food Bank	Teri Luna
3/30	4/2	Kaulana McCabe	500LBS/ 10 Boxes	500	Oahu	Kupu	Kaulana McCabe
3/31	4/2	Pati, Hawaii Food bank	1000lbs/20 boxes	1000	Oahu	Hawai'i Food Bank	Teri Luna
4/1	4/2	Tiare/ Mahi Pono	200lbs/4 Boxes	200	Maui	Mahi Pono	Tiare
4/1	4/2	Maui Rapid Response	100 lbs/ 2 Boxes	100	Maui	Maui Rapid Response	Tiare
3/30	4/2	4/9 pick up Sarah	1320Lbs/ 22 Boxes= 1	1320	Hilo	Hawai'i Food Basket	Kristin Frost Albrecht
4/8	4/9	Maui Rapid Response	4 Boxes/ 200LBS	200	Maui	Maui Rapid Response	Tiare
4/15	4/13	9AM Na Moku o Koolau	7 Boxes	350	Maui HFA		Tiare Lawrence
4/20	4/24	11:30 Kaulana McCabe	500lbs/ 10 boxes	500	OAHU	KUPU	Kaulana McCabe
4/20	4/24		20 Boxes	1000	HILO	Food Basket	Kristin Frost Albrecht
		11 Robert Helu and Sini	500LBS/ 10 Boxes	500	OAHU	Aloha Harvest	Phil and Mele
5/4	5/5		500LBS/ 10 Boxes	500	MAUI	Maui FOod bank	Keith
	5/5		Full pallet	1000	OAHU	HAWAII FOOD BANK	TERI
5/7	5/8	Tiare Lawrence- Maui Rapid	2 Boxes/ 100 lbs	100	MAUI	Maui Rapid Response	Tiare
5/18	5/19	Queenie	15 boxes	750	Oahu/Kauai	KAUAI Food Bank	
5/18	5/19	11 Kaulana McCabe	500LBS/ 10 boxes	500	OAHU	KUPU	Kaulana
5/22		Tiare Lawrence	3 Boxes	150	Maui	Kapuna Meals	Tiare
6/1		11am 6/8 George Stevens	500lbs/10 Boxes	500	OAHU	Aloha Harvest/ Pili	Mele, Phil and Amanda
6/1		Hawaii Food Bank	1 Pallet (24 Boxes	1500	Oahu	Hawaii Food bank	Teri Acosta
6/1		12PM 6/12 Hilo HFA Food	1 Pallet 1450 Lbs	1450	Big Island	Food Basket	Kristen
7/7		Pili/Aloha Fresh	10 Boxes	500		Pili/Aloha Fresh	Amanda and Mele
7/7		Sarach	1320Lbs/ 22 Boxes= 1	1320	Hilo	Hawai'i Food Basket	Kristin Frost Albrecht
13-Jul		Pili	10 Boxes	500	Oahu	Pili/Aloha Fresh	
13-Jul		Hawaii Food Bank	13	650	Oahu	Hawai'i Food Bank	
13-Jul		Kupu	10 Boxes	500	Oahu	Kupu	
8/10		Maui Food Bank	10 Boxes	500	MAUI	Maui Food Bank	Keith
8/10		Mahi Pono	5 Boxes	250	MAUI	Rapid Response	Tiare Lawrence
8/10		Kauai Food bank	8 Boxes	400	Kauai	Kauai Food bank	Wes
				20290			

# Ulupalakua Dry Feed Impact Statement

Year	Species	# of Mature Deer ~ 70%	LBS of Dry Grass Consumed Per Day (Mature)	# of Immature Deer ~ 30%	LBS of Dry Grass Consumed Per Day (Immature)	Total LBS Grass Consumed Per Day (Deer)	How many extra "head of cattle" do you have based on dry feed consumed by deer	Avg Mkt Value Per Cow	Dry Grass Impact Statement	Assumptions
2018	Deer	3,542	11,609	1169	1183	12,792	556	\$700	\$389,333.18	1 AUE = 1,000 lb cow = 23 lbs of dry matter per day
2019	Deer	3,390	11,109	1119	1133	12,242	490	\$700	\$342,765.35	1 Axis Deer = .19 AUE = 4.37 lbs of dry matter per day
2020	Deer	2,954	9,682	975	987	10,669	427	\$700	\$298,724.73	On average mature Axis Deer diet consists of 75% grass
2021	Deer	2,340	7,669	772	782	8,451	338	\$700	\$236,633.67	On average immature Axis Deer diet consist of 45% grass and approx half the total dry matter
2022	Deer	2,000	6,555	660	668	7,223	289	\$700	\$202,251.00	On Average 1 cow = approx 6.5 deer
2023	Deer	2,000	6,555	660	668	7,223	289	\$700	\$202,251.00	Both Male and Female Axis Deer Consume the same amount of feed



**Estimate**

**ADDRESS**  
 Jake Muise  
 KIA Hawaii  
 Hawaii

**SHIP TO**  
 Jake Muise  
 KIA Hawaii  
 Hawaii

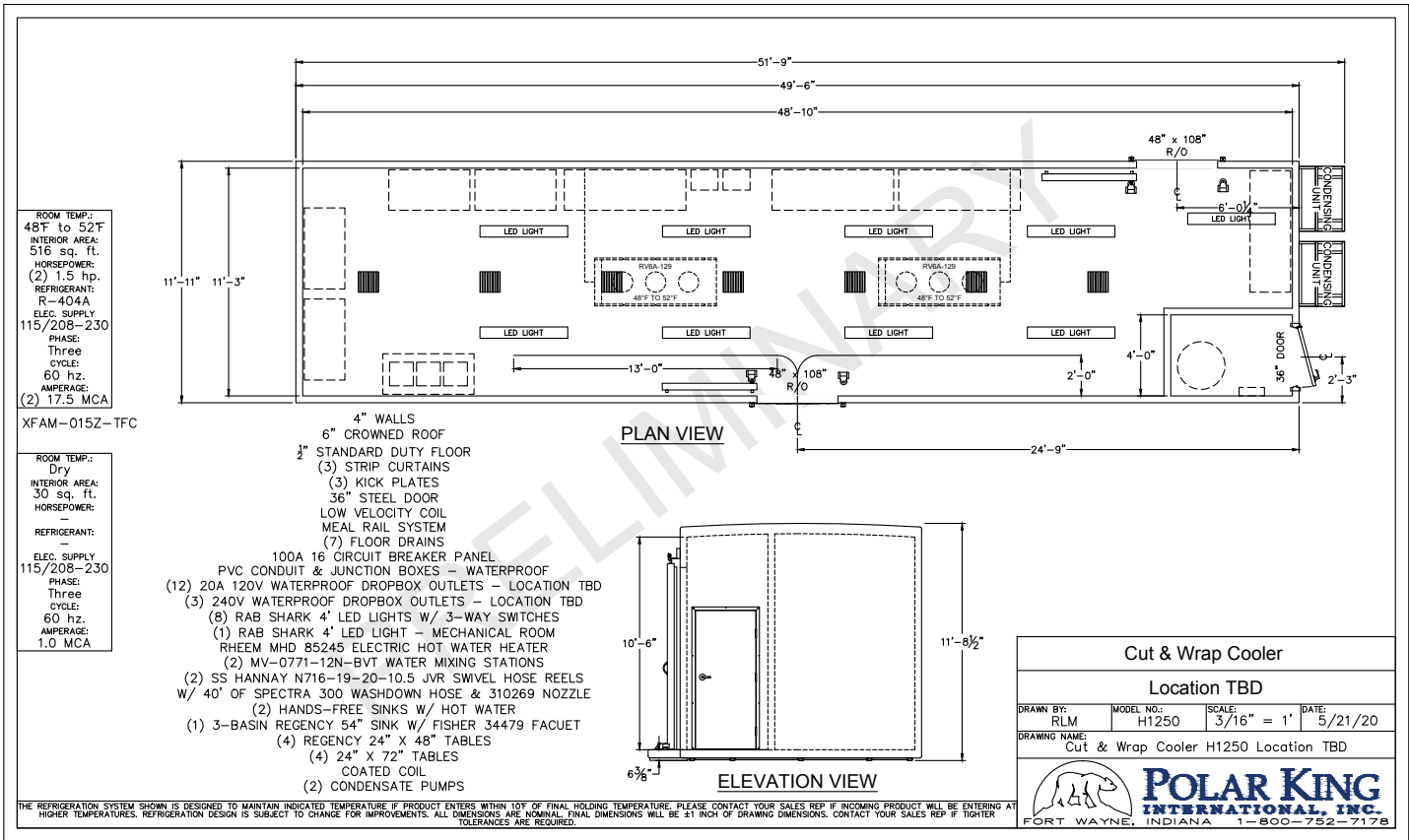
**ESTIMATE #** 1286  
**DATE** 06/05/2020  
**EXPIRATION DATE** 06/30/2020

PRODUCT/SERVICE	AMOUNT
Friesla Cut & Wrap Module H1250 Polar King Cooler 35degF 12ft wide x 50ft long nominal dimensions Body is 11ft 3"wide x 49ft 11" long ID Ceiling height is 10ft 6"	153,660.00
25 Year Insulation Warranty 12 Year Structural Warranty 5 Year Compressor Warranty 208-230/1/60 Refrigeration System Anti-Microbial Interior Finish Condensate Line Crowned Roof Defrost Timer Door Closer/Door Sweep Seal Exterior Hasp Lock Heated Door Jamb Heated Relief Port on Freezer Heated Door on -10degF Freezer Interior Lighting Lockable Door Latch Low Ambient Pressure Controls Magnetic Gasket/Heated Door Jamb Pre-charged Refrigerant Rain Cap Above Exterior Doors Seamless Fiberglass Interior/Exterior Single Point Electrical Connection 2 Part Polyurethane Paint (1) 36" wide steel Entry Door (1) Vinyl Strip Door (2) 48" Manual Sliding Doors (2) 3 Phase Electrical Upgrade (2) Shelf Mount Refrigeration	
Interior Electrical: PVC Conduit & Junction Boxes (Water proof) (9) RAB Shark 48" long LED Lights with 3 way switches	

PRODUCT/SERVICE	AMOUNT
(1) 100 Amp Electrical Panel in Mechanical Room (1) Rheem MHD 85245 Electric Hot Water Heater in Mechanical Room (12 ) 120V Waterproof Drop Outlets (3) 240V Waterproof Drop Outlets (1) Heat Option	
Interior Plumbing: Exterior PEX Plumbing Lines (7) Floor drains down the center (30) Linear Feet S/S Meat Trolley System (2) MV-0771-12N-BVT Water Mixing Stations (2) SS Hannay Hose Reels with Swivel with 40ft of Spectra washdown hose and HD nozzle (2) Hands Free Sinks with Hot Water (1) Regency 3 Basin Sink 54" with Fisher 34470 Faucet (4) 24x72 Regency Tables (4) 24x48 Regency Tables	
Includes Shipping to Long Beach, CA, 1 @ \$153,660.00	
(1) Multivac 250 Tabletop Single Chamber Vacuum Packaging Machine (1) Butcher Boy SA 20Bandsaw (1) Thompson 840 Auto Mixer Grinder, 1 @ \$49,400.00	49,400.00

TOTAL **\$203,060.00**

Accepted By \_\_\_\_\_ Accepted Date \_\_\_\_\_



**Cut & Wrap Cooler**

Location TBD

DRAWN BY: RLM	MODEL NO.: H1250	SCALE: 3/16" = 1'	DATE: 5/21/20
DRAWING NAME: Cut & Wrap Cooler H1250 Location TBD			

**POLAR KING INTERNATIONAL, INC.**  
FORT WAYNE, INDIANA 1-800-752-7178

**Friesla LLC**  
2705 Lindsay Rd  
Everson, WA 98247 US  
bob@friesla.com



PRODUCT/SERVICE AMOUNT

**MEAT RAIL SYSTEM:**  
~ Meat rail support frame  
~ Meat Rail and 60 Stainless Steel Trolleys and Meat Hooks

**WARRANTY:**  
25 Year Insulation Warranty  
12 Year Structural Warranty  
5 Year Compressor Warranty

Includes Shipping to Long Beach, CA

Approximate Delivery: 10-14 weeks from date of order  
Terms: 50% down with order, balance paid prior to shipment, 1 @ \$155,604.00

**Estimate**

<b>ADDRESS</b>	<b>SHIP TO</b>	<b>ESTIMATE #</b> 1260
Jake Muise	Jake Muise	<b>DATE</b> 05/06/2020
KIA Hawaii	KIA Hawaii	<b>EXPIRATION DATE</b> 06/30/2020
Hawaii	Hawaii	

**SHIP VIA**  
PK

TOTAL **\$155,604.00**

PRODUCT/SERVICE	AMOUNT
Friesla H1250 CARCASS COOLER -35deg F	155,604.00

**DIMENSIONS:**  
~ 42ft 2" long OD box x 9ft 11" wide OD x 10 - 1/2 ft high ID  
~ Overall length is 42ft 2" with Condensing Unit  
~ Overall height is 11ft -8"

**CONSTRUCTION & FINISH:**  
~ 4" Walls  
~ 6" Crowned Roof  
~ Rain Cap above Door  
~ Seamless Fiberglass Interior/Exterior  
~ 2 part Polyurethane Paint (Color choices are white, grey, beige, tan)  
~ Anti-Microbial Interior Finish

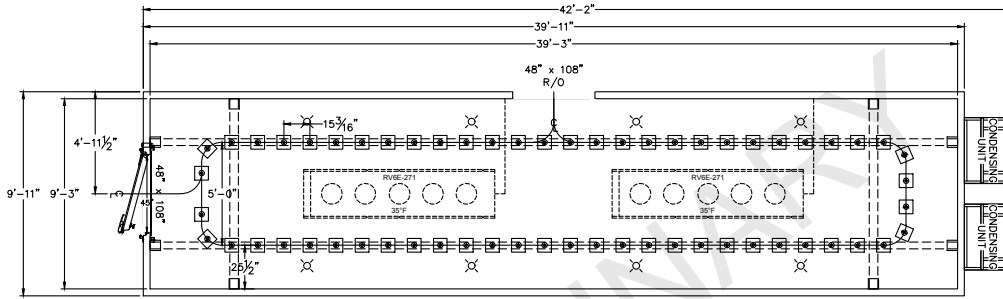
**DOORS:**  
~ (1) 48" wide x 108" Door on End (includes Alum Diamondplate kick plate) with door closer  
~ (1) Vinyl Strip Door  
~ Heated Door Jamb

**ELECTRICAL:**  
~ Single Point Electrical Connection  
~ 208-230/1/60 Refrigeration System  
~ 3 phase Electrical System also available  
~ Interior lighting

**COOLING SYSTEM :**  
~ Shelf mount Refrigeration System with (2) Condensate Pumps and Evaporator Pan  
~ Refrigeration sized for ~3,600 lbs of Deer or Beef in at 100 defg F and cool to 35 deg F in 24 hours  
~ (2) Low Velocity Coils mounted on Ceiling between Meat Rails for efficient and even cooling  
~ Dickson Humidity Monitor  
~ Pre-charged Refrigerant  
~ Condensate Line  
~ Defrost Timer  
~ Low Ambient Pressure Controls

Accepted By Accepted Date

ROOM TEMP.:  
35°F  
INTERIOR AREA:  
365 sq. ft.  
HORSEPOWER:  
(2) 3 hp.  
REFRIGERANT:  
R-404A  
ELEC. SUPPLY:  
115/208-230  
PHASE:  
Three  
CYCLE:  
60 Hz.  
AMPERAGE:  
(2) 25.4 MCA  
XFAM-030Z-TFC

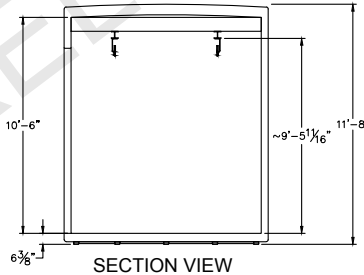


PLAN VIEW

- 4" WALLS
- 6" CROWNED ROOF
- 1/2" STANDARD DUTY FLOOR
- STRIP CURTAINS
- KICK PLATE
- (2) LOW VELOCITY COILS
- MEAT RAIL SYSTEM
- RAIL SWITCH
- HUMIDITY MONIOTR
- SHELF MOUNT REFRIGERATION
- (2) CONDENSATE PUMPS

\*REFRIGERATION SIZED FOR -  
3,600 LBS. OF BEEF IN @ 100°F TO 35°F IN 24 HRS.

\*\*\*SHOWING 60 MEAT HOOKS



SECTION VIEW

Friesla-Maui Nui Venison			
Maui, Hawaii			
DRAWN BY: RLM	MODEL NO.: H1040	SCALE: 3/16" = 1'	DATE: 5/27/20
DRAWING NAME: Friesla-Maui Nui Venison H1040 Maui HI (Aging)			
		<b>POLAR KING</b> INTERNATIONAL, INC. FORT WAYNE, INDIANA 1-800-752-7178	

THE REFRIGERATION SYSTEM SHOWN IS DESIGNED TO MAINTAIN INDICATED TEMPERATURE IF PRODUCT ENTERS WITHIN 10° OF FINAL HOLDING TEMPERATURE. PLEASE CONTACT YOUR SALES REP IF INCOMING PRODUCT WILL BE ENTERING AT HIGHER TEMPERATURES. REFRIGERATION DESIGN IS SUBJECT TO CHANGE FOR IMPROVEMENTS. ALL DIMENSIONS ARE NOMINAL. FINAL DIMENSIONS WILL BE ±1 INCH OF DRAWING DIMENSIONS. CONTACT YOUR SALES REP IF TIGHTER TOLERANCES ARE REQUIRED.

**Friesla LLC**  
2705 Lindsay Rd  
Everson, WA 98247 US  
bob@friesla.com



## Estimate

**ADDRESS**  
Jake Muise  
Maui Nui Venison

**SHIP TO**  
Long Beach CA port

**ESTIMATE #** 1281  
**DATE** 06/04/2020  
**EXPIRATION DATE** 06/30/2020

PRODUCT/SERVICE	AMOUNT
New Polar King H820T Gooseneck Cooler Trailer ~ 19ft trailer body, 29ft overall length with rear loading/unloading door ~ inside height 7ft 6", meat rail to match MSU for easy transfer of carcasses ~ includes (3 rails) 47 linear feet of Meat Rail (12,000 lb capacity) and (50) Meat hook with trolley ~ QD 12000 Generator and fuel tank mounted on gooseneck ~ room temp 35 deg F ~ Drawing attached, 1 @ \$111,080.00	111,080.00
<b>TOTAL</b>	<b>\$111,080.00</b>

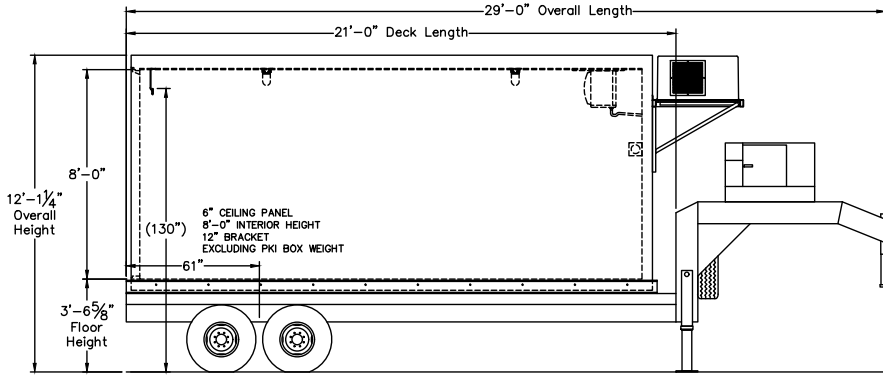
Accepted By

Accepted Date

TRAILER DRAWING FOR CONCEPTUAL PURPOSE ONLY  
 DESIGN & DIMENSIONS ARE SUBJECT TO CHANGE

ROOM TEMP.: 35°F  
 INTERIOR AREA: 139 sq. ft.  
 HORSEPOWER: 3 hp.  
 REFRIGERANT: R-448A  
 ELEC. SUPPLY: 115/208-230  
 PHASE: Single  
 CYCLE: 60 hz.  
 AMPERAGE: 28.1 MCA

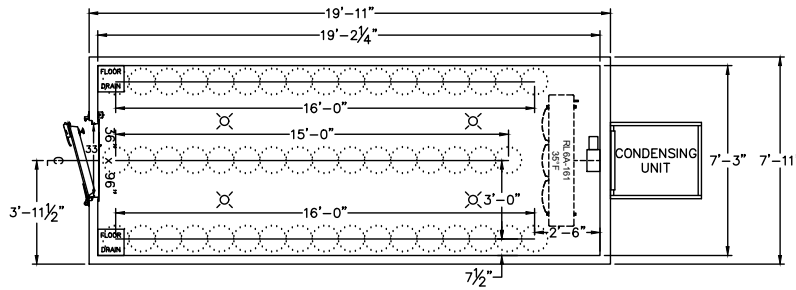
FFAP-030Z-CFV



ELEVATION VIEW

MAX. LOADED WEIGHT: 20,000 LBS.  
 TRAILER EMPTY WEIGHT: 12,000 LBS.  
 MAX. DISTRIBUTED LOAD: 8,000 LBS.

- 4" WALLS
- 6" CROWNED ROOF
- 3/4" KEG DUTY FLOOR
- (2) 10,000 LB. AXLES
- STRIP CURTAINS
- KICK PLATES
- (2) FLOOR DRAINS W/ PLUG, GASKET, & HANDLE
- ELECTRIC WINCH W/ REINFORCEMENT
- (3) MEAT RAILS W/ REINFORCEMENT FOR 7,500 LBS.
- (50) MEAT TROLLEYS W/ STOP BRAKES
- RETRACTABLE STEP (LEFT OF DOOR)
- ALUMINUM SLIDER RAMP
- SPARE TIRE & WHEEL ASSEMBLY
- ONAN QD 12000 & FUEL TANK
- GRAB HANDLES



PLAN VIEW

**DRAWING APPROVAL**

PLEASE INDICATE YOUR APPROVAL OF THIS DESIGN, THE DIMENSIONS, DOOR LOCATION/SWING, ELECTRICAL REQUIREMENTS, AND EQUIPMENT LOCATIONS BY SIGNING BELOW AND RETURNING TO POLAR KING.

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

DRAWN BY: MJR MODEL NO.: H820T SCALE: 3/16" = 1' DATE: 5/11/20

DRAWING NAME: \_\_\_\_\_

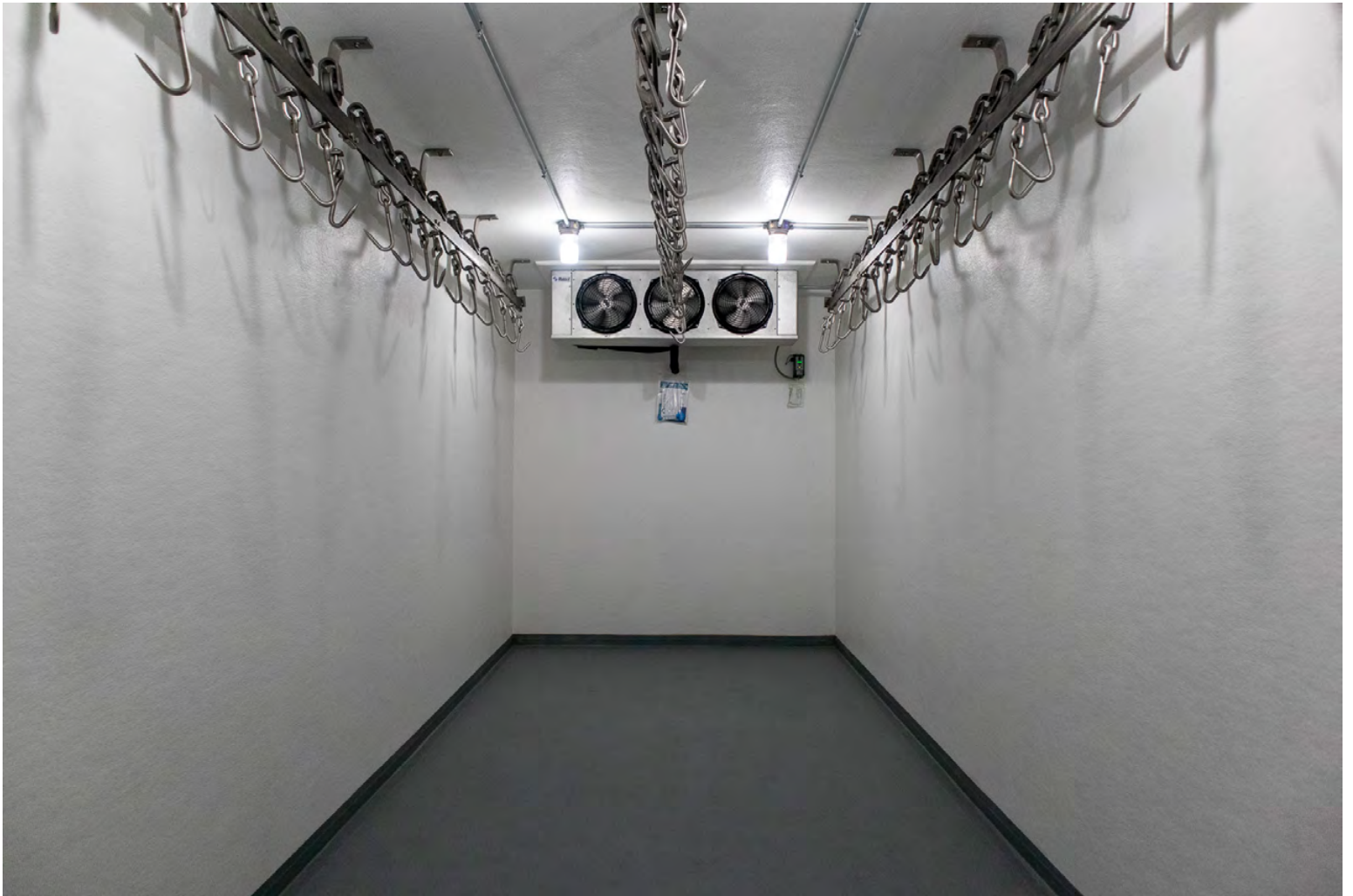


**POLAR KING**  
 INTERNATIONAL, INC.

FORT WAYNE, INDIANA 1-800-752-7178

THE REFRIGERATION SYSTEM SHOWN IS DESIGNED TO MAINTAIN INDICATED TEMPERATURE IF PRODUCT ENTERS WITHIN 10°F OF FINAL HOLDING TEMPERATURE. PLEASE CONTACT YOUR SALES REP IF INCOMING PRODUCT WILL BE ENTERING AT HIGHER TEMPERATURES. REFRIGERATION DESIGN IS SUBJECT TO CHANGE FOR IMPROVEMENTS.







# Appendix O

Pūlama Lāna'i Conservation Department

August 10, 2020

Submitted by Pūlama Lāna'i

**Need:** COVID-19 has affected Lāna'i significantly due to travel restrictions, supply chain disruption of goods and services, as well as other systematic and cultural impacts. In many ways, Lāna'i, already one of the most remote Hawaiian Islands, has become even more isolated. In addition to interrupting the island's primary tourist-based economy, which caused the recent furloughs due to the second interisland quarantine and continued intrastate quarantine and the loss of neighbor island hunters in 2020 due to travel restrictions has further reduced the community based cottage industry, further contributing to overpopulation of deer/sheep and impacting the economic diversification of the island. These factors combined have highlighted the need to 1) increase training and development of on-island work force in industries other than tourism, as well as 2) the importance of protecting on-island natural resources upon which the community relies, particularly food and water.

**Proposal:** Pūlama Lāna'i proposes to use CARES funds to create 9 jobs working in conservation and sustainable land management within its Conservation Department. Hiring would be directed towards island residents, particularly those whose jobs have been affected by COVID-19. These positions would benefit the individuals who fill them, the community at large, and the resilience of the land. The personnel in these positions would learn about native and non-native plant species, watershed management strategies, and deer and sheep management - knowledge and tools necessary for ongoing management of Lāna'i's natural resources. They would also provide a valuable service to the community by helping increase the island's food and water security and protecting its native habitat.

**About the Pūlama Lāna'i Conservation Department:** Our mission is foster a sustainable island community in the framework of protecting native species and habitats, controlling non-native invasive species, and preventing introductions of new invasive pests. Functionally, the department fills the role of a multitude of state and federal entities that do these tasks on other islands. We are largely self-funded but strategic partnerships allow us to leverage external funds to improve management of the island's natural resources. Of particular importance is protecting our 6-million gallon/day watershed; by far the smallest and one of the most at-risk watersheds in the state.

**Core Projects:**

- Invasive plant control in and around the watershed
- Native plant propagation and out-planting
- Biosecurity
- Assist managing community based subsistence hunts of sheep and deer
- Participate in educating new hunters on safe and sanitary hunting practices
- Participate in educating hunters on the role of hunting within conservation

**Key Impacts:**

- Train and employ island residents in non-tourism based roles that have been affected by COVID-19
- Re-connect community to the land, its natural resources, and cultural history
- Make measurable progress toward controlling non-native species and restoring native habitat
- Reduce negative impacts of deer/sheep on native habitats and local farmers and food for local residents

**Proposed Budget:**

<b>Category</b>	<b>Budget</b>
<b>Personnel</b>	
Team supervisor \$25/hour (1)	\$ 18,000.00
Watershed Conservation Field Team \$19/hour (6)	\$ 77,760.00
Community Hunter Management \$20/hour (2)	\$ 28,800.00
Fringe (35%)	\$ 43,596.00
<b>Total Personnel</b>	<b>\$ 168,156.00</b>
<b>Equipment</b>	
Field supplies	\$ 7,000.00
Herbicide	\$ 2,500.00
Operations cost (fuel, communications, etc.)	\$ 2,500.00
Plant Propagation Equipment	\$ 5,000.00
<b>Total Equipment</b>	<b>\$ 17,000.00</b>
<b>Contracted Services</b>	
Quarantine modernization	\$ 150,000.00
<b>Total Contracted Services</b>	<b>\$ 150,000.00</b>
<i>Subtotal</i>	\$ 335,156.00
Indirect (10%) (HR, insurance, legal, vehicles, etc.)	\$ 33,515.60
<b>Total</b>	<b>\$368,671.60</b>