

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

Type of Grant Request:

Operating Capital

Legal Name of Requesting Organization or Individual: Dba: **Big Island Resource Conservation and Development Council**
Big Island Resource Conservation and Development Council
as Fiscal Sponsor for The Marine Mammal Center

Amount of State Funds Requested: \$ 183,291

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

Request for Operating Support to Expand and Enhance Marine Science and Ocean Conservation Education Programs and Outreach Programs for Residents and Visitors to Protect Hawaiian Monk Seals and Hawaii's Natural Resources.

Amount of Other Funds Available:

State: \$ 0
Federal: \$ 190,821
County: \$ 0
Private/Other: \$ 197,412

Total amount of State Grants Received in the Past 5 Fiscal Years:

\$ 100,000 (2018)
Unrestricted Assets:
\$ 3,638,170

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

Type of Business Entity:

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

Mailing Address:

200 Kanoelehua Ave. PMB 285
City: Hilo State: HI Zip: 96720

Contact Person for Matters Involving this Application

Name: Brandi Milare	Title: Program Manager
Email: bircd1@gmail.com	Phone: (808) 217-7234

Federal Tax ID#:

██████████

State Tax ID#

██████████


Authorized Signature

Larry M. Komata, President
Name and Title

01/19/2023
Date Signed

Application Submittal Checklist

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

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



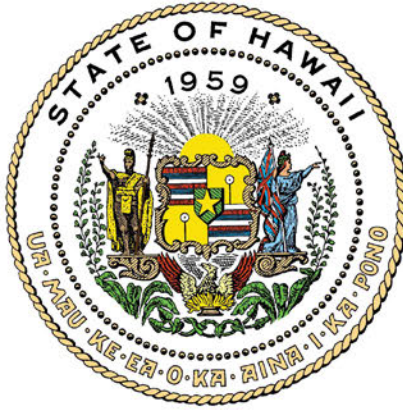
AUTHORIZED SIGNATURE

LARRY M. KOMATA, PRESIDENT

PRINT NAME AND TITLE

01/19/2023

DATE



Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

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

BIG ISLAND RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL

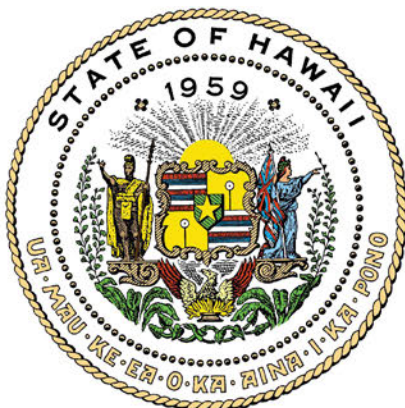
was incorporated under the laws of Hawaii on 10/12/1989 ;
that it is an existing nonprofit corporation; and that,
as far as the records of this Department reveal, has complied
with all of the provisions of the Hawaii Nonprofit Corporations
Act, regulating domestic nonprofit corporations.



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

Dated: January 19, 2023

Director of Commerce and Consumer Affairs



Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

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

THE MARINE MAMMAL CENTER

incorporated under the laws of California

was duly registered to do business in Hawaii as a foreign nonprofit corporation on 12/24/2013, and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporation Act, regulating foreign nonprofit corporations.

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

Dated: December 07, 2022

Director of Commerce and Consumer Affairs





STATE OF HAWAII
STATE PROCUREMENT OFFICE

CERTIFICATE OF VENDOR COMPLIANCE

This document presents the compliance status of the vendor identified below on the issue date with respect to certificates required from the Hawaii Department of Taxation (DOTAX), the Internal Revenue Service, the Hawaii Department of Labor and Industrial Relations (DLIR), and the Hawaii Department of Commerce and Consumer Affairs (DCCA).

Vendor Name: BIG ISLAND RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL

DBA/Trade Name: Big Island Resource Conservation and Development Council

Issue Date: 01/19/2023

Status: **Compliant**

Hawaii Tax#: 40435414-01
New Hawaii Tax#:
FEIN/SSN#: XX-XXX9188
UI#: XXXXXX8741
DCCA FILE#: 77190

Status of Compliance for this Vendor on issue date:

Form	Department(s)	Status
A-6	Hawaii Department of Taxation	Compliant
8821	Internal Revenue Service	Compliant
COGS	Hawaii Department of Commerce & Consumer Affairs	Exempt
LIR27	Hawaii Department of Labor & Industrial Relations	Compliant

Status Legend:

Status	Description
Exempt	The entity is exempt from this requirement
Compliant	The entity is compliant with this requirement or the entity is in agreement with agency and actively working towards compliance
Pending	A status determination has not yet been made
Submitted	The entity has applied for the certificate but it is awaiting approval
Not Compliant	The entity is not in compliance with the requirement and should contact the issuing agency for more information

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

The undersigned authorized representative of the applicant certifies the following:


- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
 - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows the state agency to which funds for the grant were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant.
- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided; and
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.
- 4) The use of grant-in-aid funding complies with all provisions of the Constitution of the State of Hawaii (for example, pursuant to Article X, section 1, of the Constitution, the State cannot provide "... public funds ... for the support or benefit of any sectarian or nonsectarian private educational institution...").

Pursuant to Section 42F-103, Hawai'i Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

Big Island Resource Conservation and Development Council

(Typed Name of Individual or Organization)



(Signature)

01/19/2023

(Date)

Larry M. Komata

(Typed Name)

President

(Title)

INTERNAL REVENUE SERVICE
DISTRICT DIRECTOR
2 CUPANIA CIRCLE
MONTEREY PARK, CA 91755-7406

DEPARTMENT OF THE TREASURY

Date: MAY 10 1994

BIG ISLAND RESOURCE CONSERVATION
AND DEVELOPMENT COUNCIL
PO BOX 2975
KAMUELA, HI 96743-2975

Employer Identification Number:
99-0279188
Case Number:
954108041
Contact Person:
CAROLYN TSCHOPIK
Contact Telephone Number:
(213) 725-7002
Our Letter Dated:
October 17, 1990
Addendum Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(vi).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,



Richard R. Orosco
District Director

Letter 1050 (DO/CG)

Application for Grants

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

I. Certification – Please attach immediately after cover page

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

If the applicant is an organization, the applicant shall submit one (1) copy of a certificate of good standing from the Director of Commerce and Consumer Affairs that is dated no earlier than December 1, 2022.

Please see attached.

2. Declaration Statement

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

Please see attached.

3. Public Purpose

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

The grant will be used for a public purpose, as detailed in questions 2-4 and the rest of the proposal, pursuant to Section 42F-102.

II. Background and Summary

This section shall clearly and concisely summarize and highlight the contents of the request in such a way as to provide the State Legislature with a broad understanding of the request. Please include the following:

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

Need: A recent Hawai'i Tourism Authority (HTA) survey found that 92% percent of residents agree that visitors need to be educated about protecting Hawaii's natural environment and cultural resources. The pandemic also has reminded us of how closely the health of people, wildlife, and the planet are interconnected. Last spring, UN Secretary-General António Guterres, noted the profound connections between biodiversity and community well-being: "Biodiversity is essential for achieving the [Sustainable Development Goals](#), ending the existential threat of climate change, halting land degradation, building food security, and supporting advances in human health."

A healthy ocean ecosystem underpins the healthy functioning of the planet, sustaining the earth's food systems, supporting billions of people with jobs, and regulating the climate. Marine biodiversity, including marine mammal species, is critical to the ocean's productivity, resilience, and adaptability to environmental changes. The extinction of even one species can lead to wider negative impacts on our marine ecosystem. The ocean also is integral to cultural heritage and identity.

Organization Mission and Background. The mission of The Marine Mammal Center (the Center) is to advance global ocean conservation through marine mammal rescue and rehabilitation, scientific research, and education. The Center – a 501(c)3, founded in 1975, with locations in California and Hawaii – leverages its nearly fifty years of field experience and research towards improving the health of our ocean for marine mammals and people alike. Decades of impact are reflected by the tens of thousands of marine mammals cared for and students educated, more than one hundred peer-reviewed publications, and a team of world-class veterinary, scientific, education, and other professionals. Its work is made possible by the passionate support of donors, community volunteers, and partners.

Project Background. In the early 2000s, 'Īlio holo I ka uaua (the Hawaiian monk seal), was critically endangered. Its population was less than 1,100 and declining every year. Biologists feared that the Hawaiian monk seal would fade away forever, as have so many other species once found only in Hawaii.

Research indicated that providing veterinary care and rehabilitation to struggling seals could help stabilize the population. In 2014, the Center opened Ke Kai Ola, a hospital for Hawaiian monk seals. The Center partners with NOAA and others in overall Hawaiian monk seal conservation efforts and is the only private, nonprofit organization that provides long-term rehabilitative care. Since opening eight years ago, the Center has rehabilitated 43 Hawaiian monk seals from anywhere in the main Hawaiian Islands and Papahānaumokuākea who otherwise would not have survived.

In addition to science-based rehabilitation and medical care, the Center provides youth marine mammal and conservation education programs, connects with the beachgoing public, and conducts community and media outreach on how to co-exist with Hawaiian monk seals. **State Grant in Aid funds will provide the capacity needed to serve more middle school students and youth on Hawai'i Island and increase Hawaiian monk seal conservation and natural resource protection outreach to visitors and residents on Hawai'i and Maui Islands.**

Big Island Resource Conservation and Development Council, serving as fiscal sponsor for The Marine Mammal Center, is a registered non-profit organization within the State of Hawaii, operating since 1975. Our mission is to assist people of the Big Island in achieving sustainable development while caring for, and appreciating their natural environment. We aim to ensure broadened economic opportunities, enriched communities, and better lives. The Vision of Big Island RC&D Council is to conserve, enhance, and promote the economic, cultural, and natural environment of Hawai'i. As

an organization, we strive to identify a concern, organize a group, event, or program that will address the concern, develop a plan of action, all while simultaneously seeking a funding source. This framework produces partnerships formed throughout the community, with government agencies, and with other foundations or corporations. It is truly rewarding to see the positive change that comes about when people gather together, share a common goal, and are able to use their individual platforms to work toward success.

The Big Island has continuously possessed a need for an organization that supports sustainability, environmental preservation, economic opportunity, and community enrichment for several years. To fulfill this need, BIRCDC was incorporated as a small 501(c)(3) nonprofit organization, and has since grown into a devout group of community members, with a variety of backgrounds. The diversity of our team allows for a wide-range of environmental, natural resource, and cultural concerns and interests to be effectively addressed through the development of projects for public purpose.

2. The goals and objectives related to the request;

With decades of experience in marine mammal care, conservation education, and outreach, the Center is well positioned to inspire positive behavior change to protect Hawaiian monk seals and Hawaii's natural resources. As a Hawaiian monk seal hospital, the Center has the unique ability to leverage the stories of its patients, and the seals it protects on beaches daily, to encourage youth and beachgoers to co-exist with Hawaiian monk seals and protect the coastal ecosystem we all rely on.

Currently, the Center's marine science and ocean conservation program Nā Kōkua o ke Kai serves 250 middle-school youth and their teachers in three public and two private schools on Hawai'i Island. Through strategic outreach to more rural schools on island, and with the support of the Grant in Aid, the Center intends to grow to serve 400 middle-school students in the next school year and 1,000 youth by the academic year 2024-2025.

In sum, with Grant-in-Aid funding, the Center will:

1. Increase the number of Hawai'i Island middle-school students and other youth served in its school programs;
2. Ensure youth have the transportation needed to participate in middle-school field trips;
3. Increase the number of visitors and residents on Hawai'i Island and Maui Island who learn how to keep Hawaiian monk seals and themselves safe; and
4. Increase the number of local business partners, and distribute conservation messaging through print and digital media, videos, and staff presentations at

community fairs, events, and other channels to encourage residents and visitors to view wildlife from a safe distance and protect Hawaii's natural resources.

3. The public purpose and need to be served;

Middle-School and Youth Programs. The future success of our state will depend, in large part, on scientific and technological innovations and knowledge. However, Hawaii ranks 47th in the country in terms of the number of STEM-related degrees awarded per 100,000 residents. In the Hawaii State Department of Education's last assessment, only 41% of students scored as proficient or higher in science. In 2016, the State Department of Education approved the adoption of the Next Generation Science Standards; however, most middle-school teachers continue to need training in teaching science to support these standards in their classrooms.

Many teachers have expressed to us that few options for science curricula include connections to Hawaiian culture, practices, and language, and emphasize the traditional reciprocal relationship that Native Hawaiians have to the environment. The Center designed its program in collaboration with teachers and community thought partners on Hawai'i Island and continue to work with teachers as partners in the program's implementation. The Center's goal is to provide a program that is relevant and engaging for middle-school students and teachers living in Hawai'i, and which emphasizes humans' connection to aina and kuleana to maintain the delicate balance in all ecosystems.

Students need access to high-quality science education programs that help them develop the skills and knowledge they need to be well-informed and involved community members, to be prepared for college and future career pathways, and to understand and appreciate the relevance of science and conservation to a healthy community (<http://www.nsta.org/about/positions/ngss.aspx>).

The National Science Teachers Association recommends strengthening science learning opportunities for *all* students and recommends expanding these opportunities, especially for communities under-represented in STEM fields. The Science Teachers Association also recommends the expansion of the role of informal science institutions in the design and delivery of professional support for teachers. Middle-school teachers and students will benefit from programs like ours, which support the Next Generation Science Standards framework and strengthen teaching and learning science in the classroom.

In addition, in recent years, securing transportation to allow students to go on field trips has become incredibly challenging. There is an even greater lack of public school buses due to a lack of staff. For the Kealakehe schools, to provide one example, there is just one bus driver. This one driver must drive back and forth, for the elementary school, starting at 6 am, then the middle school, and then the high school, leaving no time to also take youth on field trips. The driver would need to be back by 1 pm to start the school bus rounds again, which does not leave enough time to bring the students on a field trip. The requested funds will help cover the costs of alternative ways to arrange for

field trip transportation. The solutions will vary by school. If a school has its own van, or, if parents drive, the Center will reimburse their costs, as needed and requested. The one-way distance between Kona and Hilo is 72 miles.

Intended outcomes for students:

- Learn marine, ocean, and environmental science concepts, principles
- Discover and consider STEM career opportunities
- Develop connections to and appreciation of the ocean in their everyday lives through authentic, inclusive, and culturally relevant marine science and ocean conservation experiences
- Learn to apply scientific inquiry, practice kilo (observation), collect and analyze data, collaborate on investigations with peer groups, and propose explanations/share discoveries in line with the inquiry skills identified in the Next Generation Science Standards and Ocean Literacy Principles
- Develop an understanding of Hawai'i's unique conservation challenges, and potential solutions related to the health of our one shared ocean, and be inspired to take personal action to be change makers who positively impact the ocean, marine animals, and coastal ecosystems, including Papahānaumokuākea Marine National Monument and other marine sanctuaries

The intended outcomes for teachers are that they will:

- Build confidence in teaching marine science and ocean conservation concepts and content through the use of authentic science practices, resources, and data
- Apply the skills learned in the program to their science teaching more broadly
- Develop connections to a peer group of educators and science experts
- Develop connections to community partners engaged in marine science and ocean conservation work
- Act as ocean stewards themselves, demonstrating kuleana for the environment from mauka to makai.

Community and Visitor Outreach and Engagement. Once hunted nearly to extinction, today, the survival of the Hawaiian monk seal is in our hands. Hawaiian monk seals face the same challenges we all face, including rising sea levels, ocean debris and pollution, and overfishing. On the main Hawaiian Islands, monk seals also face increasing incidents of intentional and unintentional harassment and harm by visitors, residents, and domestic animals. As visitors return to Hawai'i, there are increasing incidents of behavior that harm Hawai'i's natural resources and wildlife. The

key to ensuring that Hawaii does not lose another species is through behavior change and community involvement. These challenges are greater than any one organization can solve by itself.

While negative human-seal interactions are detrimental to monk seal recovery efforts and potentially also to human safety, they also inflame resident frustration with visitors. When the Hawai'i Tourism Authority (HTA) developed its Destination Management Action Plans 2021–2023 for each of the Main Hawaiian Islands, they surveyed residents about tourism. Hawai'i Island residents felt that “visitors showed no respect for local culture/‘āina,” and their activities damaged the environment.” This project supports the Island’s and the State’s goals to protect Hawaii’s natural environment and preserve it for future generations and to practice and promote destination stewardship by educating visitors on mālama ‘āina.

Hawai'i was unfortunately among the first geographic areas to demonstrate how quickly we can lose species due to unsustainable human activities and the introduction of nonnative and invasive species; however, if we act now, Hawai'i can also prove that it is possible to change this story and preserve the biologically diverse ecosystems that sustain all life on earth. The state’s unique flora and fauna are part of what draws visitors to its islands. Protecting the natural resources of our land and our ocean, and protecting 'Īlio holo i ka uua, requires the collaboration between individuals, organizations, and businesses in creating sustainable tourism and a return to a culture of human co-existence with wildlife.

Intended Outcomes:

- Incidents of direct negative human interactions (e.g., harassment) with monk seals decrease.
- Residents and visitors support and advocate for monk seal conservation, making individual choices that support conservation efforts.
- The Center’s Hawaiian monk seal conservation volunteers, who interact with the public during haul-outs and community events, have a deeper understanding of the connections between Hawaiian monk seal conservation and Hawaiian culture and values.

4. Describe the target population to be served; and

Middle-School and Youth Program Target Population: Nā Kōkua o ke Kai’s target population is **middle-school students and their teachers living in diverse communities on Hawai'i Island**. The Center focuses on middle school because research by the National Science Foundation and others has shown that 80% of all students decide before entering high school to opt out of scientific pursuits (Coyle, 2005). Participation in informal STEM programs with the characteristics of the Center’s middle-school marine science and ocean conservation program has been proven to

help maintain students' positive attitudes about the sciences throughout middle school and high school.

Community partnerships and collaboration are essential to the success and accessibility of the Center's school and youth programs. In 2018, the Center developed a partnership with the state of Hawaii's Department of Aquatic Resources (DAR) Marine Protected Species Program and its education specialists. The Center has since adopted its 4th-grade program, giving it a new name: Seal Science. In 2018, that program reached 80% of Hawaii Island 4th-grade students and their teachers through in-classroom lessons.

Although COVID prevented the Center from expanding the Seal Science program between 2020-2022, the Center is preparing to re-launch the program in 2023 and has already received several requests for this upcoming spring. In the interim and for its programs to continue to be accessible to upper elementary students, Wendy Marks has partnered with Aloha Meritorious Program (MAP) to provide lessons to 300 students in grades 4 and 5 at Holualoa and Konawaena Elementary Schools.

In fall 2022, Wendy and current DAR education specialist, Darrian Muraoka, collaborated on several school and youth outreach events to offer hands-on marine protected species lessons on both Hawaiian monk seals and sea turtles. They have plans to continue this collaboration during upcoming Nā Kōkua o ke Kai middle school field experiences at Mokupāpapa Discovery Center and Ke Kai Ola. Wendy will also facilitate an exhibit booth at the Mauka to Makai Educational event at Darrian is planning for April 23, 2023.

Finally, Ke Kai Ola staff continue to strive to create new community partnerships and build upon those that have been well established for some time to reach more youth and their families. A great example of this is the Center's partnership with staff and volunteers at neighboring Kaloko-Honokōhau National Historic Park. Jon Jokiel, Supervisory Park Ranger, has been instrumental in organizing the annual Children's Festival at the park each fall to mark the start of Makahiki season. This event includes two full days of Hawaiian cultural activities for visiting Big Island 4th graders. Ke Kai Ola participated for many years until the festival was put on hold for 2021 and 2022 due to COVID. The in-person event kicked off again in November 2022 and Ke Kai Ola staff collaborated with the State of Hawai'i Department of Aquatic Resources staff, Darrian Muraoka, to provide hands-on lessons about Hawaiian monk seals, Honu (Hawaiian Green Sea Turtle), and Honu'ea (Hawksbill Sea Turtle) for the 2 days. The Center engaged with nearly 300 students and their teachers and parent chaperones over the two-day period.

Community and Visitor Outreach and Engagement Target Population: The Center's outreach and engagement audience include visitors, residents, and businesses on Hawaii and Maui Islands. The Center will target areas where monk seals are known to haul out and where there is known human activity (such as a beach commonly used by monk seals and highly popular with tourists, or a beach with a hauled-out pregnant monk seal that also is popular for dog owners.)

5. Describe the geographic coverage.

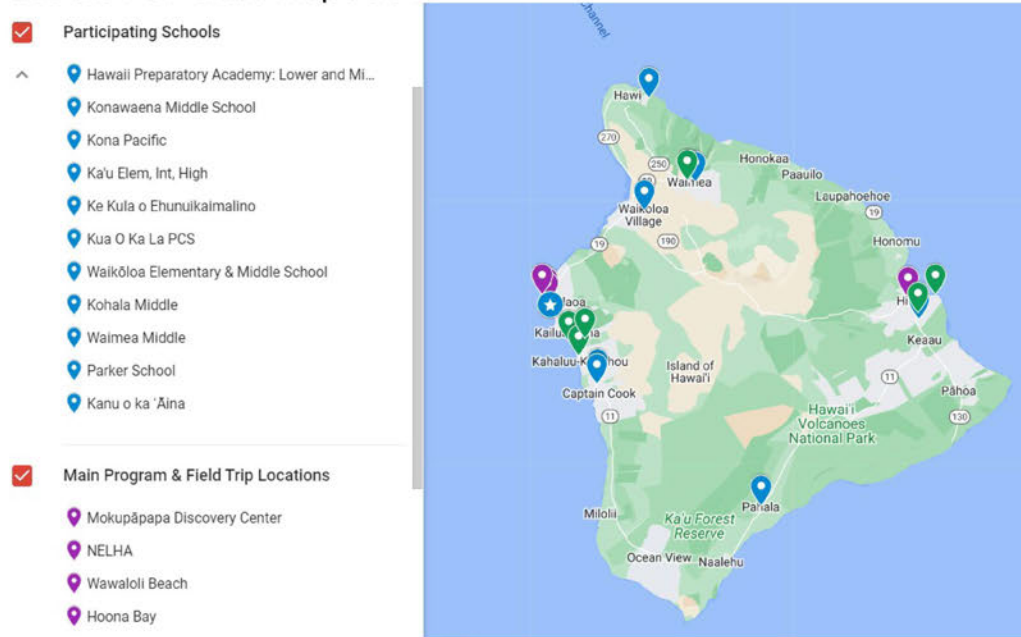
Community and Visitor Outreach and Engagement. The Center’s Hawaiian monk seal response and community engagement cover all of Hawaii Island and Maui Island.

Middle-School and Youth Programs. The Center’s middle-school program, Nā Kōkua o ke Kai, is designed to be accessible to teachers and youth in all school settings, public and private. It has focused on Kona and Hilo and more recently Waikoloa and Waimea. It will reach out to Kohala, South Kona, and Ka’ū in the coming year. Please see the map below for the program’s current locations. In the future, the Center will explore expanding its school and youth programs to the island of Maui, where it manages Hawaiian monk seal response and outreach.

Nā Kōkua o ke Kai Service AY22-23 Area Map, Hawai’i Island¹

See the interactive map here: <https://www.google.com/maps/d/u/0/viewer?mid=1MyuOgkcZsbousZW4-U5oeglyHYSpyZn5&ll=19.71635625801241%2C-155.53751075000002&z=9>

See the PDF of the map below:



¹ Interactive map is here: <https://www.google.com/maps/d/u/0/viewer?mid=1MyuOgkcZsbousZW4-U5oeglyHYSpyZn5&ll=19.71635625801241%2C-155.53751075000002&z=9>

- ✓ Community Partners
 - 📍 Kohala Center
 - 📍 UH Hilo
 - 📍 Richardson Beach Park Ocean Center
 - 📍 Hawaii State Parks
 - 📍 Kahalu'u Beach Park
 - 📍 Aloha Map

- ✓ Ke Kai Ola.xlsx
 - 📎 Ke Kai Ola

III. Service Summary and Outcomes

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

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

Middle-School Program: Nā Kōkua o ke Kai

Program Goal: To increase middle-school student knowledge of and interest in science, with a special emphasis on the biodiversity, natural history, and unique conservation challenges of Hawaii’s marine wildlife and ecosystems and inspire efforts to protect them.

Middle-School Program Overview: The Center developed Nā Kōkua o ke Kai with support from many community collaborators, including teachers from Kealakehe Intermediate in Kona and Hilo Intermediate School. The program is a culturally inclusive marine science and ocean conservation STEM program in schools offered at no charge to students or schools. Its structured multi-media curriculum includes 10 in-school lessons, hands-on science labs and experiments, activity guides and resource toolkits for teachers and students, high-quality online instructional videos, and field trips to the Mokupāpapa Discovery Center and the Hawaiian monk seal facility. The course incorporates lessons about Papahānaumokuākea Marine National Monument, its extraordinary marine life and ecosystem, and inspires students to engage their communities in the efforts to protect it and the endangered Hawaiian monk seal found only in Hawaii’s waters. Students present and share their independent research, using illustrated flyers, videos, board games, models, social media, and other media of their design. Their projects include conservation calls to action, which they share with their peers, family, school, and community members.

The Center partners with other local educational non-profits such as The Kohala Center and the Mokupāpapa Discovery Center for their input, to ensure the program is

addressing community needs, and to ensure it is not duplicating existing programs. The program includes three teacher professional development sessions and ongoing 1:1 coaching to support teachers throughout the year and provides them with stipends for their time.

To meet the needs of schools and address frequent requests from teachers, the Center decided to create a one-unit pathway for Nā Kōkua o ke Kai that the Center will pilot during the upcoming 2022-23 academic year. It will run concurrent with the year-long curriculum, and schools will be offered this pathway depending on their student participation numbers and current school COVID protocols. Several schools that have not been able to participate in the full program have signed up as a result of this opportunity.

With schools of various sizes participating in Nā Kōkua o ke Kai in the coming academic year, the Center is formulating a plan for the program's "field trip experiences", while being mindful of staffing and location capacities for ourselves and the Center's key partners, like the Mokuapāpapa Discovery Center which has a cap of 60 visitors. Participating classes are offered either one or two field trip experiences, depending on the pathway they choose. These experiences may include virtual field experiences, in-person field experiences, new field experiences outside of existing community partners, and in-person and live, virtual guest/expert speakers.

To ensure the Center can complete the activities listed above, the Center just opened and filled a new position, a full-time Marine Science Educator. Next school year, the program will reach ~500 students and ~12 teachers at ~6 schools.

Aloha Meritorious Achievement Program (MAP). The Center also will reach ~500 youth of native Hawaiian and Pacific Islander backgrounds through a unique partnership with Aloha MAP. The Center will provide on-site 'ohana tours, support student activities that promote stewardship, community engagement, environmental education, and conservation awareness, and provide access to live, virtual experiences when in-person learning is not possible.

Community and Visitor Outreach and Engagement. The Center has a growing group (60+) of local businesses and other stakeholder partners who have indicated their willingness to help in capacities such as: offering space for volunteer training, helping recruit volunteers and interns, assisting with fundraising, putting up beach signage before the Center's staff and volunteers arrive, if needed, and spreading awareness of monk seal conservation, among others. With your support, the Center will deepen community engagement, and increase the number of visitors and residents to Hawai'i and Maui Islands who hear and learn about how to keep the seals and themselves safe.

Project activities:

Build 15+ New Community Partnerships. The Center will recruit businesses and organizations wishing to support Hawaiian monk seal conservation. The Center will focus on prospective partnerships in more remote areas and those with historically low

volunteerism so that informational signs can be posted quickly in areas that can take hours for staff and/or volunteers to reach. The Center will:

- 1) Reach out to shoreline and ocean-related businesses, dive shops, wildlife viewing boats, other ocean recreation companies, state and federal managers of beaches and beach parks, and other community members and residents living near beaches where monk seals often haul out.
- 2) Share information and training with their staff, customers, and community members, as requested, about Hawaiian monk seal history, safe viewing, how to report seal sightings, how to set up perimeters around seals, and how to talk about monk seal conservation with others.
- 3) Distribute outreach materials (stickers with the monk seal hotline, informational brochures), and provide response supplies (such as monk seal beach signs and tape) to use when seals haul out.² The Center will consult Cultural Advisors to review and provide input on these and other community outreach materials.
- 4) Provide information tailored to the request/interest level. Some current partners, Aloha Hui Kīholo and Blue Ocean Mariculture, for example, have requested more advanced information to learn how to identify specific seals, which the Center is happy to provide!

The Center will continue to build partnerships with a variety of stakeholders and will engage program partners through training and outreach. Program partners the Center will continue to reach out to will include dive shops and other ocean-related businesses, hotels (e.g., Mauna Lani-Auberge Resorts, the Fairmont Orchid Hotel, Hilton Waikoloa), and beach-related groups and individuals (e.g., caretakers of Makalawena Beach and key residents living near beaches where seals often haul out).

The Center will provide support to businesses and organizations willing to share appropriate messaging with their guests and customers about Hawaiian monk seal conservation. It will connect with community groups like Hui Aloha Kīholo to provide training for monk seal response and outreach, and the Center will work with UH Hilo to provide response internships and with the State Retired Senior Volunteer Program and others to recruit volunteers.

Recruit 50+ Hawaiian Monk Seal Conservation Volunteers and Provide 6 Volunteer Trainings.

The Center will recruit volunteers using social media, press releases, conservation website placements, news advertisements, and outreach partners such as The Kohala Center, Hawai'i Wildlife Center, and the Humane Society. The Center will continue to work with Hawaii's Retired and Senior Volunteer Programs--this partnership already has resulted in approximately 20 – 100 volunteer hours per month.

Volunteer training will be held every three months. All volunteers will participate in an online orientation followed by an in-person Seal Awareness Zone (SAZ) training. Volunteers will learn about the history and biology of the Hawaiian monk seal, as well as

² Hawaiian monk seals haul out on land for brief periods to rest, molt, and rear pups. At those times, it is important for their health and safety as well as the safety of people and pets, to give them space.

the basics of Hawaiian monk seal response and community engagement. In-person training will be located outdoors at Ke Kai Ola in Kona and partner organizations. Two Native Hawaiian and Pacific Islanders will be recruited to participate in the Center's monk seal conservation intern program.

Update the Repository of Outreach Tools for State, Federal, and Non-Profit Stakeholders. The Center will:

- Update and replenish public outreach materials (such as signage urging beachgoers to “give seals space” or dog owners to leash their pets, hotline number cards, and stickers).
- Assess the need for need “FAQ” signs to use when beaches are crowded.
- Refine and revise messaging and images in consultation with Hawaiian Cultural Advisors
- Aim for effective communications with residents and other stakeholders in Hawaii's natural resources.
- Strengthen awareness and engagement by distributing logo items such as water bottles, tote bags, and temporary Hawaiian monk seal tattoos for keiki while hosting booths and presenting at community events or participating in community beach clean-ups, etc.
- Support the development of a searchable Hawaiian monk seal directory which will assist volunteers during community engagement in the field and allow the public to learn more about monk seals.

Conduct Daily Surveys of Key Beaches and Increase Monk Seal Sighting Data.

The Center will regularly survey beaches most likely to have both monk seal haul-outs and numerous visitors and residents. Two examples are Kekaha Kai State Park, which includes Makole'a, Ka'elehuluhulu, Mahai'ula, Makalawena beaches, and Ho'ona Historical Preserve. Staff and volunteers will photograph hauled-out monk seals and note the date, time, geographic location, age class, gender, tag information, molt status, and birth date for pups. In addition, the Center will provide outreach in areas of high foot traffic to increase awareness.

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

Projected Timeline: July 2023 to June 2024.

Ongoing Activities

- Survey beaches, focusing on those with frequent monk seal haul-out.
- Send volunteers trained in outreach messaging to all reported monk seals in areas where human interaction is likely.
- Engage with the public through a community volunteer corps, promoting action to protect monk seals.
- Support local ocean businesses with monk seal etiquette and behavior talks for customers and guests

- Continue to recruit more community business partners and provide their staff with appropriate monk seal response and messaging training and supplies (monk seal resting signs, handouts, etc.)
- Center staff will work closely with NMFS to produce and disseminate consistent messaging about Hawaiian monk seal conservation.

Timeline

Pre-Award: January-May 2023

- Strategies for the academic year 2019-20 recruitment and growth begin.
- Pilot one-unit, semester-long pathway curriculum option
- Hire and onboard a Marine Science Educator to support program implementation

Pre-Award: May-June 2023

- Provide intent to participate forms to 2023-24 participating schools.

July –August 2023

- Complete evaluation of the previous academic year and incorporate findings into curriculum and resources for next academic year.
- Updated resources, videos, instructional guides, and best practices in the online Nā Kōkua o ke Kai Learning Center for participating teachers.
- Hold 1 on 1 meetings with teachers at their schools, provide orientation, and student and teacher supplies.
- Collaborate with community partners to finalize fall field trips and activities.

September-October 2023

- Begin 1 on 1 teacher coaching sessions, observe and evaluate program implementation, and support the teachers and classes, as needed.

November–December 2023

- Fall field experiences at Mokupāpapa Discovery Center.
- Provide ongoing 1 on 1 teacher professional development coaching.

January 2024

- Develop strategies for next academic year recruitment and growth.
- Assess opportunities to formalize a for-credit internship program with UH Hilo's Tropical Conservation Biology and Environmental Sciences Program and Marine Options Program to support Hawaiian monk seal response.
- Depending on funding, work with the UH Hilo to develop a paid internship program for qualified Native Hawaiian and Pacific Islander students.

February-April 2024

- Mid-year teacher professional development.

- Spring field trip experiences at Ke Kai Ola.

May 2024

- Culminating Pāhana Pono (group student group projects) organized by teachers/schools at their schools.
- Top student project groups present at Hō'ike'ike hosted in-person at Ke Kai Ola or via a platform.
- Distribute post-program surveys to teachers and students.
- Host teacher pau school celebrations
- Begin to analyze survey results and measure impact and outcomes.

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

Middle-School and Youth Program Evaluation Plans

After the school year commences, staff will distribute post-program surveys to students and teachers and meet with community and curriculum partners to reflect on the past academic year and gather feedback. During the summer, staff will interpret these evaluation results and use them to refine and improve the curriculum and resources for the following academic year. In previous years, the Center worked with an evaluation firm Public Profit with extensive experience developing evaluation plans and methods for STEM programs. With them, the Center developed outcome indicators, such as a percent increase in students who demonstrate a positive attitude towards and confidence in their ability to engage in science and who express kuleana and pono as stewards of their local marine wildlife and environment.

The evaluation results from the last completed academic school year before the pandemic showed an increase in student intent to steward their local marine wildlife and coastal environment (from 86% to 95%); and an increase in students who say they talk to family and friends about the importance of local marine wildlife (44% to 71%).

The Center is currently in the first year of piloting an additional, shorter option for schools and teachers that request a short option than the yearlong program spring unit-based curriculum. For this work, the Center will conduct a formative evaluation--staff and teachers will provide ongoing qualitative feedback for program modifications --and summative, collecting quantitative data. Data collection methods will include 1) pre- and post-questionnaires for teachers, 2) one-to-one and group discussions with teachers, 3) pre-program and post-program questionnaires to assess student knowledge and attitude changes 4) observations and review of student work, and 5) Collecting ongoing anecdotes and testimonials as shared by students and teachers on an ongoing basis

Last year, a seventh-grade student participating in Nā Kōkua o ke Kai said: "Two pono [stewardship] actions I hope to use is giving marine animals plenty of space and educating others about the effects the Center is having on these creatures." Last year, 100% of participating teachers said they were better at engaging youth with

conservation topics because of participation in the Center's program, which includes extensive teacher professional development and coaching.

During the first three quarters, the Center will report on program progress according to the planned timeline of activities and the number of schools, teachers, and students served. After the conclusion of the fourth quarter, the Center will report evaluation data on the completed school year and plans for incorporating this data and any lessons learned in the next year of the program.

Program results will be shared with the Center's staff, Executive Team, and Board, and also with peers and program partners. As leaders and participants in networks of local and national informal marine science educators, staff may write up and present findings from this initiative at conferences such as the Association of Zoos and Aquariums, International Zoo and Aquarium Educators Association, National Docent Symposium, and National Marine Educators Association.

Community and Visitor Outreach and Engagement. At the end of the project period, the Center will assess its Hawaiian monk seal haul-out and incident data to determine whether program changes should be made and whether beach surveys should be performed at additional or different beaches.

If Hawaiian monk seal volunteer numbers drop below 100, the Center will consult with its Volunteer Engagement Team, Communications Team, Cultural Advisors, and other stakeholders to determine recruitment and/or retention strategy adjustments.

By the end of the project year, the Center will have formed strategic partnerships with additional partners that can be trained and equipped to assist in Hawaiian monk seal response. The Centre will look for metrics indicating that it has expanded its network and capacity and amplified its message to engage and empower communities to take action to protect monk seals and the ocean ecosystem

4. List the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.

The measures of effectiveness that will be reported to the State expending agency will include:

Community and Visitor Outreach and Engagement.

- Over 27,000 touchpoints, or about 50-100 residents/visitors per day, will be more aware of and practice behaviors that protect Hawaiian monk seals and natural resources.

- 30 new community businesses and organizations on Hawaii and Maui will support Hawaiian monk seal response and community engagement
- 100% of Hawaiian monk seals reported on beaches in areas where human interactions are likely to occur, and during molting and pupping events, will be responded to.

School Programs.

- 80%+ middle-school youth know more about science and science careers because they participate in Nā Kōkua o ke Kai
- A minimum of 85% of the middle school teacher and school partners return for AY 23/24
- 80% of middle-school youth express intent to take kuleana (responsibility) for stewardship of their local marine wildlife and coastal environment.
- 80%+ of middle-school teachers demonstrate an expanded skillset and confidence in teaching science and project-based learning.

IV. Financial

Budget

1. **The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.**
 - a. Budget request by source of funds (Link)
 - b. Personnel salaries and wages (Link)
 - c. Equipment and motor vehicles (Link)
 - d. Capital project details (Link)
 - e. Government contracts, grants, and grants in aid (Link)

Please see attached budget forms.

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2024.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$55,718	\$42,524	\$42,524	\$42,525	\$183,291

3. **The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2024.**

The Center will seek funding for the fiscal year 2024 from the following organizations:

National Oceanic and Atmospheric
Administration

County of Hawaii
The Healy Foundation

The Bank of Hawaii Foundation
The McInerney Foundation
The Hawai'i Community Foundation
The Marisla Foundation
The Disney Conservation Fund

The George F. Jewett Foundation
The Dorrance Foundation
The Fred Baldwin Memorial Foundation
The Cooke Foundation
Additional donations from individuals

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

During the fiscal year 2020, the Center received:

- \$10,000 Economic Injury Disaster Loan (EIDL) which was subsequently forgiven.
 - \$1,291,291 Paycheck Protection Program (PPP) loan which was subsequently forgiven.
 - \$1,150,522 Employee Retention Tax Credit.
5. The applicant shall provide a listing of all federal, state, and county government contracts, grants, and grants in aid it has been granted within the prior three years and will be receiving for fiscal year 2024 for program funding.

Please see **attached**.

6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2022.

The balance of the Center's unaudited unrestricted current assets, as of December 31, is **\$3,638,170**.

Big Island Resource Conservation and Development Council: \$60,513

V. Experience and Capability

1. Necessary Skills and Experience

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

Founded in 1975, the Center has undergone significant organizational growth over the past 15 years, with particularly robust growth over the past five years, even during the pandemic. The Center's workforce includes 125 talented and passionate staff and 1,100 volunteers operating out of three facilities in California, one facility on the Big Island, and staff, equipment, and volunteers on Maui Island. The Center receives 10,000+ calls about marine mammals in need each year and dispatches staff and volunteers to more

than 1,600 marine mammal reports annually. This 501c organization has a \$21 million annual operating budget, which includes its Hawaiian monk seal conservation program, and is governed by a 20-member board of directors.

Decades of impact are reflected by the tens of thousands of patients treated and students educated, more than one hundred peer-reviewed publications, and a team of world-class professionals. This history and body of fieldwork have created a powerful framework from which to build out high-impact programs to mitigate threats to ocean health, influence policy and legislation at the state and federal level, as well as inspire action on the part of passionate citizenry in this pursuit. The Center manages dozens of partnerships with national and state parks, other safety and wildlife personnel, other nonprofits, local beach communities, and businesses in California and Hawaii.

Serving students and their teachers in California and Hawaii, the Center's education programs have supported grade-level science standards and included engaging hands-on activities for 40 years. The middle-school marine science program is guided by years of practical experience and expertise working with middle-school audiences, using educational best practices and connecting to NGSS standards, Hawaii State Standards, Nā Honua Maui Ola (Hawai'i Guidelines for Culturally Healthy and Responsive Learning), and Ocean Literacy Principles. In 2019, Nā Kōkua o ke Kai was featured in [Hawai'i Magazine](#) for its strong results increasing youth confidence in their science classes and their interest in STEM careers.

The only way to ensure Hawaii does not lose another species is through behavior change and community involvement. With nearly 50 years of experience working in diverse communities and recruiting and training community volunteers in California, the Center has been building its Hawaiian monk seal response program on Hawaii Island since 2015. The support of this grant will give the Center the capacity to build more relationships with businesses, organizations, community groups, residents, and others so that they too can support protecting and caring for Hawaiian monk seals and the ocean we share with them.

The Center manages approximately \$1M in government funding (from counties, states, and federal sources) each year, with financials audited by an independent public accounting firm. Its finance and accounting team uses funding and project codes within the accounting system to track the receipt and expenditure of funds separately for each grant. The fiscal and administrative controls in place to responsibly manage these funds include separation of duties so that no one individual has complete authority over a financial transaction. The Center maintains timesheets for each employee to ensure staff time on grant-funded projects is accounted for, and payroll charges are checked against grant budgets.

Please the attached list of the government grants and contracts the Center has managed for the past three years.

2. Facilities

The applicant shall provide a description of its facilities and demonstrate its adequacy in relation to the request. If facilities are not presently available, describe plans to secure facilities.

The Center's Hawaiian monk seal hospital, Ke Kai Ola, which opened in 2014, serves as one of the field trip locations for Nā Kōkua o ke Kai and as a visitor center for other youth programs, partners, and, as scheduled, the public. With four in-ground pools, the facility can care for as many as 10 Hawaiian monk seals at one time. There are offices, a laboratory, a treatment room, an education pavilion, and outdoor educational exhibits.

The Center selected the location at the Natural Energy Laboratory of Hawaii Authority because it was a safe location with existing infrastructure, including ocean water access for the Hawaiian monk seal patient pools. The site also was chosen for its proximity to the Kona airport and harbor which helps with bringing monk seals into care and returning them home.

Because Ke Kai Ola is a working marine mammal rescue, rehabilitation, and science center, the children, youth, and others who visit are inspired by the stories of the real patients in the Center's care as well as by the scientists who are working to understand seals and the changing conditions of their open home.

Nā Kōkua o ke Kai occurs in school classrooms, in the field, and at field trip locations on Hawai'i Island. The Center's education staff travel to teachers, their classrooms, and the field trip and partner sites.

Community outreach occurs on beaches and in communities (at businesses, partner organizations, fairs, festivals, and more) on Hawaii and Maui Island

VI. Personnel: Project Organization and Staffing

1. Proposed Staffing, Staff Qualifications, Supervision and Training

The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.

Project Staff Leaders:

1. Jennifer Walker, M. Ed., Director of Teaching & Learning
2. Jane Choi, M.A., Director of Innovation and Evaluation
3. Wendy Marks, M.A., NAI CIG, School & Youth Program Manager, Hawai'i
4. Jackie Milligan, Marine Science Educator, Hawai'i
5. Megan McGinnis, RVT, Animal Programs Manager, Hawai'i
6. Lauren Van Heukelem, M.S. Response Manager, Hawai'i
7. Carmelita Villalobos, Response Dispatcher, Hawai'i
8. Petra Bertilsson, Response Dispatcher, Maui
9. Other: Communications and Operations

1. **Jennifer Walker, M.Ed. Director, Learning & Community** began at the Center eight years ago and was previously the National Director of Teaching and Learning at SPARK, where she established and supported collaboration with 31 middle-school partners nationwide as well as multiple district and community site partners. Jennifer has years of partnership development, teaching, and curriculum development experience in diverse communities across the United States. She has an M.A. in Education, Curriculum, and Instruction and participated in climate communication/education training through the National Ocean and Climate Change Interpreters. Jennifer will provide project and project budget oversight and supervise the School & Youth Program Manager.
2. **Jane Choi, M.A. Director of Innovation and Evaluation** leads the Learning & Community team's research and evaluation efforts, data culture, and innovative approaches to advancing ocean conservation through education. She began this position, a new role at the Center, in the fall, of 2022 and will oversee the integrative learning vision and strategy with another new position, the Integrative Learning Manager. Jane has spent more than two decades working in the education sector across the country in both formal and informal learning environments focused on science, youth leadership, mentorships, and workforce development. She holds a Master of Arts in Social Sciences in Education from Stanford University and a Bachelor of Science in Biomedical Engineering from Columbia University. Working closely with the Learning & Community team, Jane will ensure best practices in effective program development, evaluation, and impact.
3. **Wendy Marks, M.A., NAI CIG, School & Youth Programs Manager, Hawai'i** shares her passion for educating on-island youth and empowering others to become ocean stewards as School & Youth Programs Manager for the Center's Hawaii school programs. Wendy develops education programs that are reaching the most rural and underserved communities on the Big Island, instilling the same passion she has for the ocean into the next generation.

Raised in Kona on the Big Island, Wendy developed a love and passion for the ocean and its creatures at a young age, surfing, diving, fishing, swimming, and exploring Hawaii's unique ocean ecosystem. She graduated from UH Mānoa with a degree in elementary education and spent almost two decades educating children of native Hawaiian ancestry at Kamehameha Schools. Wendy went on to earn her Master of Arts in Education. Wendy also is a Certified Interpretive Guide with the National Association for Interpretation and uses storytelling to engage students in ocean conservation education. Wendy manages school and youth program development, teacher and school recruitment, curriculum development, and updates, and supervises the Marine Science Educator.

4. **Jackie Milligan, Marine Science Educator, Hawaii** is a passionate environmental and marine educator who is well versed in leading, developing, and teaching conservation programs in Hawai'i. She has more than 11 years of experience as an Environmental & Marine Educator teaching adults and children. With a broad knowledge of native Hawaiian species and ecosystems, she also has strong

experience in developing Hawai'i based curricula. For the past five years, she was the Education Coordinator at the Waikōloa Dry Forest Initiative. For this project, Jackie will implement the middle-school program and support youth and community outreach.

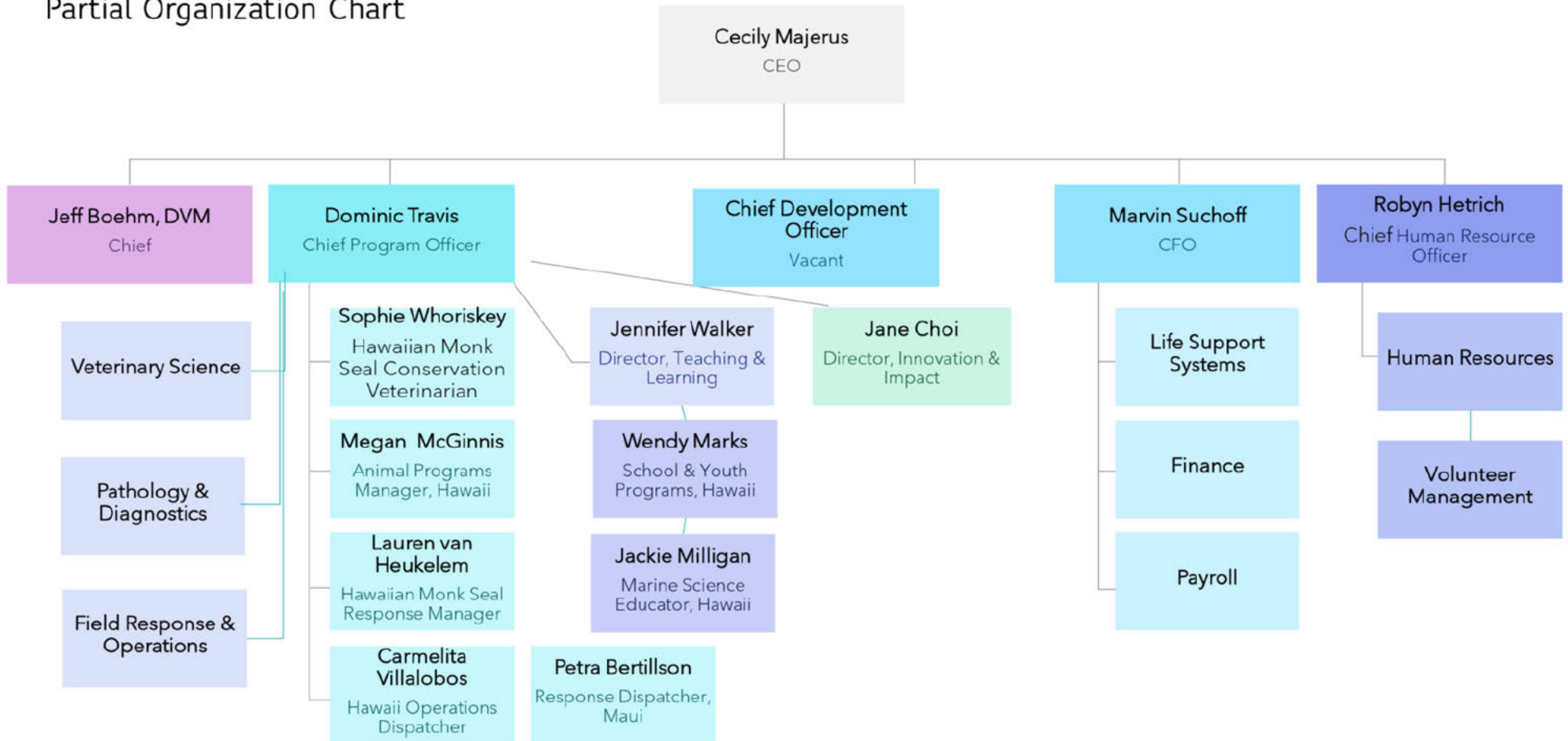
5. **Megan McGinnis, RVT, Animal Programs Manager, Hawai'i** has a B.A. in Biology and Psychology from the University of North Carolina. A registered veterinary technician, she has worked in marine mammal care since 2015. At the Center since 2019, she manages the daily care of Hawaiian monk seal patients, assists in monk seal fieldwork, and supervises the Response Manager.
6. **Lauren Van Heukelem, M.S. Response Manager, Hawai'i**, has an M.S. and B.S. in Marine Biology from the UH, Mānoa. Born and raised on Hawai'i Island, she has strong experience in community engagement and outreach. Ms. Van Heukelem and Ms. Villalobos manage the Hawaiian monk seal conservation volunteers and interns and community and business outreach on Hawaii and Maui.
7. **Carmelita Villalobos, Response Dispatcher, Hawai'i**, has a B.S. in Biology from Dominican University and an M.S. from the Tropical Conservation Biology and Environmental Science Program, the UH, Hilo. She joined the Center as a U.H. Hilo Intern and has been Response Dispatcher for more than one year. She will support all aspects of Hawaiian monk seal response, community volunteer training, and community outreach.
8. **Petra Bertilsson, Response Dispatcher, Maui** dispatches the Hawaiian monk seal sighting hotline on Maui Island and builds relationships with the Maui community. Petra holds a bachelor's degree in zoology from the University of Hawai'i at Mānoa and a master's degree in zoology from the University of New Hampshire, where she studied shark-inflicted injuries to endangered Hawaiian monk seals. A longtime resident of Maui, Petra has years of experience in marine conservation in Hawai'i, including field research of Hawaiian monk seals, both in the main Hawaiian Islands and the Northwestern Hawaiian Islands. She also has taught college and high school biology.
9. The Center's communications team will provide support for the collateral and signage revisions and updates, collaborating with graphic designers and consulting a Cultural Advisor, as needed.

2. **Organization Chart**

The applicant shall illustrate the position of each staff and line of responsibility/supervision. If the request is part of a large, multi-purpose organization, include an organization chart that illustrates the placement of this request.

The Marine Mammal Center

Partial Organization Chart



3. Compensation

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

Chief Executive Officer ~\$275,000
Chief Program Officer ~\$250,000
Chief Development & Communications Officer ~\$220,000

VII. Other

1. Litigation

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

Not applicable.

2. Licensure or Accreditation

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

The Center's Hawaiian monk seal rehabilitation and response work operates under a permit and/or authorization from NOAA Fisheries.

Specifically, the Center is named as a co-investigator on the Pacific Islands Regional Office (PIRO)'s Marine Mammal Health and Stranding Response Program (MMHSRP) Permit # 18786-06 lists and also named on NOAA's Pacific Islands Fisheries Science Center (PIFSC) # 16632-01 Research and Enhancement Permit.

3. Private Educational Institutions

The applicant shall specify whether the grant will be used to support or benefit a sectarian or non-sectarian private educational institution. Please see [Article X, Section 1, of the State Constitution](#) for the relevance of this question.

Not applicable.

4. Future Sustainability Plan

The applicant shall provide a plan for sustaining after fiscal year 2023-24 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2023-24, but

(b) Not received by the applicant thereafter.

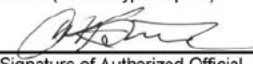
In an era in which the human impact on our planet has outpaced nature's ability to heal, the Center is laser-focused on its goal to advance global ocean conservation through marine mammal rescue and rehabilitation, scientific research, and **education**.

Should the Center be awarded funding in the fiscal year 2023-24, but not after the Center will continue to support Nā Kōkua o ke Kai and the Hawaiian monk seal response and community engagement through a combination of donations, foundation, corporate, and government grants. The Center secured a three-year grant from NOAA, which supports a portion of the Center's Hawaiian monk seal response and community outreach. The Center will continue seeking the support and resources to complete this project beyond the fiscal year 2023-24. The Center is continuing to increase its voice and visibility in speaking up for marine mammals and the ocean and spreading awareness about the Center's work and mission. The Hawaii State Grant in Aid would be part of increasing the Center's visibility to other supporters, partners, and stakeholders.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2023 to June 30, 2024

Applicant: Big Island Resource Conservation & Development Council as Fiscal Sponsor
for The Marine Mammal Center

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	71,261	138,273		71,398
2. Payroll Taxes & Assessments				
3. Fringe Benefits	17,815	34,568		17,849
TOTAL PERSONNEL COST	89,076	172,841		89,247
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island		1,600		500
2. Insurance				18,786
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				15,500
5. Staff Training	1,000			2,500
6. Supplies	16,575			4,700
7. Telecommunication	4,050			4,350
8. Utilities				27,600
9. Vehicle Operations	1,250	14,220		
10. Contracts	20,340	2,160		
11. Intern Stipends	13,000			3,000
12. Student Transportation	20,000			10,000
13. Teacher Stipends & Substitutes	8,000			400
14. Printing				12,500
15. Fees	10,000			8,329
16				
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	94,215	17,980		108,165
C. EQUIPMENT PURCHASES				
D. MOTOR VEHICLE PURCHASES				
E. CAPITAL				
TOTAL (A+B+C+D+E)	183,291	190,821		197,412
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	183,291	Jennifer Morrow	(415) 574-4033	
(b) Total Federal Funds Requested	190,821	Name (Please type or print) Phone		
(c) Total County Funds Requested	0		01/19/2023	
(d) Total Private/Other Funds Requested	197,412	Signature of Authorized Official Date		
TOTAL BUDGET	571,524	Larry M. Komata, President Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2023 to June 30, 2024

Applicant: Big Island Resource Conservation & Development
Council as Fiscal Sponsor for The Marine Mammal Center

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Director of Teaching and Learning	1 FTE	\$118,500	10%	\$11,850
Director of Impact and Innovation	1 FTE	\$117,500	5%	\$5,875
School and Youth Programs Manager	1 FTE	\$69,422	38%	\$26,380
Marine Science Educator	1 FTE	\$55,531	32%	\$17,937
Animal Programs Manager	1 FTE	\$78,391	0%	\$0
Response Manager	1 FTE	\$6,500	0%	\$0
Response Dispatcher, Hawai'i	1 FTE	\$53,914	11%	\$5,699
Response Dispatcher, Maui	1 FTE	\$53,914	7%	\$3,521
Operations Coordinator	1 FTE	\$64,272	0%	\$0
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				71,261
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2023 to June 30, 2024

Applicant: Big Island Resource Conservation and Development Council as Fiscal Sponsor for The Marine Mammal Center

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

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

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2023 to June 30, 2024

Applicant: Big Island Resource Conservation and Development Council **Not Applicable**
 as Fiscal Sponsor for The Marine Mammal Center

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2021-2022	FY: 2022-2023	FY:2023-2024	FY:2023-2024	FY:2024-2025	FY:2025-2026
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
TOTAL:						
JUSTIFICATION/COMMENTS:						

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Applicant: Big Island Resource Conservation and Development Council as Fiscal Sponsor for The Marine Mammal Center
 Fiscal Year July 1, 2023 to June 30, 2024

Contracts Total: \$ 5,303,981

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)	CONTRACT VALUE	TMMC Reference ONLY
2	COVID-19 Paycheck Protection Program (PPP)	FY 2020	U.S. Small Business Administration	United States	\$ 1,291,291	
3	Hawaiian Monk Seal Response & Rehabilitation at Ke Kai Ola	FY 2020 - FY 2021	NOAA Pacific Islands Regional Office	United States	\$ 143,703	NA19NMF4540010
4	NPS Challenge Cost Share Award Program - Youth Education	6/01/2021 - 3/1/2022	U.S. National Park Service	United States	\$ 25,000	
5	Enhancing Capacity for Southern Sea Otter Response and Rehabilitation in	FY 2021	U.S. Fish & Wildlife Services	United States	\$ 99,392	F20AP12044-00
6	Hawai'i Virtual Tour - Ke Kai Ola	FY 2021	County of Hawai'i Department of Research and Development	County of Hawai'i	\$ 15,000	
7	Diversity, Equity & Inclusion Program: Creating True Culture Change through a DEI Program Roadmap	09/01/2022 - 8/31/2024	Institute of Museum & Library Services (IMLS)	United States	\$ 196,882	ME-251639-OMS-22
11	COVID-19 Employee Retention Tax Credit	FY 2022	Internal Revenue Service	United States	\$ 1,150,522	
12	Enhancing Capacity for Southern Sea Otter Response and Rehabilitation	FY 2022	U.S. Fish & Wildlife Services	United States	\$ 95,000	F21AS00152
13	Enhancing Pinniped Stranding Response	FY 2022	NOAA National Marine Fisheries Service	United States	\$ 50,000	NA21NMF4390401
14	Hawaiian Monk Seal Rehabilitation	FY 2022	NOAA National Marine Fisheries Service	United States	\$ 95,000	NA21NMF4390383
15	Hawaiian Monk Seal Rehabilitation	FY 2023	NOAA National Marine Fisheries Service	United States	\$ 97,030.00	NA22NMF4390277
16	Endangered Species COVID-19 Relief	FY 2023	U.S. Fish & Wildlife Services	United States	\$ 274,189	
17	Congressman Huffman Earmark	FY 2023	Congressionally Directed Spending Requests	United States	\$ 500,000	
19	CA Stranding Network	FY 2023	General Fund Appropriation	California	\$ 574,000	
20	California Sea Lion Research	FY 2023 - FY 2024	NOAA National Marine Fisheries Service	United States	\$ 99,999.00	NA22NMF4390243
21	Hawaiian Monk Seal Response on Maui Island	FY 2023 - FY 2025	NOAA Pacific Islands Regional Office	United States	\$ 222,344.00	NA22NMF4540342
22	Hawaiian Monk Seal Response on Hawai'i Island	FY 2023 - FY 2025	NOAA Pacific Islands Regional Office	United States	\$ 279,629	NA22NMF4540343
23	Enhancing Capacity for Southern Sea Otter Response and Rehabilitation	FY 2023 - FY 2025	U.S. Fish & Wildlife Services	United States	\$ 95,000	F22AP03070