

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

Type of Grant Request:

Operating

Capital

Legal Name of Requesting Organization or Individual:
Hawaii Marine Mammal Alliance Inc.

Dbas:
Hawaii Marine Animal Response (HMAR)

Amount of State Funds Requested: \$ 1,319,000

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

HMAR is requesting financial assistance with the year 1 capital needed to build our new Hawaii Marine Science Center (HMSC). The HMSC will serve as a centralized hub for marine conservation education as well as the medical care, rehabilitation and release of sea turtles and seabirds impacted by the threats they face in the wild. We will convert an existing building and lot to open the only dedicated marine conservation, education, animal care and rehabilitation facility on Oahu.

Amount of Other Funds Available:

State: \$ 0

Federal: \$ 0

County: \$ 0

Private/Other: \$ 262,000 (being sought)

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

\$ 0

Unrestricted Assets:

\$50,000 (estimated but awaiting completion of final 2019 financial reporting)

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:

150 Hamakua Drive, #350

City:

Kailua

State:

HI

Zip:

96734

Contact Person for Matters Involving this Application

Name:
Jon Gelman

Title:
President

Email:
jon.gelman@h-mar.org

Phone:
808-626-5295

Federal Tax ID#:
[REDACTED]

State Tax ID#:
[REDACTED]


Authorized Signature

Jon Gelman, President

Name and Title

1/10/2020

Date Signed

received

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

Jon Belman, President

PRINT NAME AND TITLE

1/10/2020

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

HAWAII MARINE MAMMAL ALLIANCE INC.

was incorporated under the laws of Hawaii on 01/08/2016 ; that it is an existing nonprofit corporation; and that, as far as the records of this Department reveal, has complied with all of the provisions of the Hawaii Nonprofit Corporations Act, regulating domestic nonprofit corporations.



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

Dated: January 07, 2020

Director of Commerce and Consumer Affairs

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

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
 - b) Complies with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
 - c) Agrees not to use state funds for entertainment or lobbying activities; and
 - d) Allows the state agency to which funds for the grant were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant.

- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.

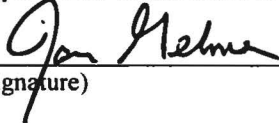
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

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

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

Hawaii Marine Mammal Alliance Inc. dba Hawaii Marine Animal Response

(Typed Name of Individual or Organization)



(Signature)

1/10/2020

(Date)

Jon Gelman

(Typed Name)

President

(Title)

DAVID Y. IGE
GOVERNOR OF
HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

January 13, 2020

Senator Donovan M. Dela Cruz
Chair, Ways and Means Committee
Hawaii State Legislature, Hawaii State Capitol
Room 208
Honolulu, HI 96813

Representative Sylvia Luke
Chair, Finance Committee
Hawaii State Legislature, Hawaii State Capitol
Room 306
Honolulu, HI 96813

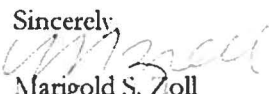
RE: Letter of support for GIA applications from Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR)

Dear Senator Dela Cruz and Representative Luke:

This letter is in support of the Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR) requests for State of Hawaii Grant in Aid (GIA) capitol and operating support for the fiscal year 2020-2021 for their proposed Hawaii Marine Science Center (HMSC). The Center will be sited at the Oceanic Institute facility at Waimanalo, Oahu in a partnership with Hawaii Pacific University, providing marine science-related education and outreach to Hawaii residents and visitors and facilities to conduct marine turtle rehabilitation and short-term seabird stabilization. These functions will reduce negative human/wildlife interactions and improve recovery outcomes for animals, both of which are important component in helping these protected animals survive and thrive alongside people. These educational and rehabilitation capabilities will fill a critical need that is not currently met by any other entity on Oahu and furthers the Departments mission to enhance, protect, conserve and manage Hawaii's unique and limited natural resources.

Since HMAR's start in 2016, they have demonstrated a strong ability to develop and run effective conservation programs that aid in the preservation of Hawaiian monk seals, marine turtles, seabirds and the nearshore marine ecosystem. HMAR works in coordination with the Department of Land and Natural Resources and with NOAA, U.S. Fish and Wildlife Service and the Hawaii Tourism Authority under grants and contracts to support these protected marine animals. We support them in their efforts to build and operate their proposed Hawaii Marine Science Center.

I urge the Legislature to support HMAR's proposed endeavor through support of their Grant in Aid applications. Please feel free to reach out to me at marigold.s.zoll@hawaii.gov or (808) 286-6378 if you would like further input from the Division of Forestry and Wildlife concerning this letter of support.

Sincerely,

Marigold S. Zoll
Oahu Forestry and Wildlife Manager

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA
FIRST DEPUTY

M. KALEO MANUEL
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT

ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAILOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

DAVID Y. IGE
GOVERNOR OF
HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA
FIRST DEPUTY

M. KALEO MANUEL
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

December 18, 2019

Senator Donovan M. Dela Cruz
Chair, Ways and Means Committee
Hawaii State Legislature, Hawaii State Capitol
Room 208
Honolulu, HI 96813

Representative Sylvia Luke
Chair, Finance Committee
Hawaii State Legislature, Hawaii State Capitol
Room 306
Honolulu, HI 96813

RE: Letter of support for GIA applications from Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR)

Dear Senator Dela Cruz and Representative Luke:

I write today in support of Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR) and their request for State of Hawaii Grant in Aid (GIA) support for the fiscal year 2020-2021. Their GIA requests are to help offset capital and operating expenses to build their proposed Hawaii Marine Science Center. The Center will be sited at the Oceanic Institute facility at Waimanalo, Oahu in partnership with Hawaii Pacific University. The Center will provide marine science-related education and outreach to Hawaii residents and visitors which will in turn, help our fragile ocean ecosystem and the protected species that depend on it. The Center will also house facilities to conduct marine turtle rehabilitation and short-term seabird stabilization, both of which are important functions to help these protected animals. HMAR fills a critical role in Hawaii conservation and these educational and rehabilitation capabilities are very much needed and will support DAR's mission to help in the preservation and recovery of Hawaii's protected marine species and resources.

Since HMAR started in 2016, they have demonstrated a strong ability to develop and run effective conservation programs that aid in the preservation of Hawaiian monk seals, marine turtles, seabirds and the nearshore marine ecosystem. For over 3 years, HMAR has worked as a supportive partner with and in cooperation with DAR to support these protected marine animals

and we support them in their efforts to build and operate their proposed Hawaii Marine Science Center.

I urge the State of Hawaii to support HMAR's proposed endeavor through support of their Grant in Aid applications.

Please feel free to reach out to me if you would like further input from DAR concerning this letter of support. Thank you in advance for your consideration,

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Neilson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Brian Neilson
Administrator
DLNR-Division of Aquatic Resources



HAWAII TOURISM AUTHORITY

Hawai'i Convention Center
1801 Kalākaua Avenue, Honolulu, Hawai'i 96815
kelepona tel 808 973 2255
kelepa'i fax 808 973 2253
kahua pa'a web hawaii tourismauthority.org

David Y. Ige
Governor

Chris Tatum
President and Chief Executive Officer

December 28, 2019

Senator Donovan M. Dela Cruz
Chair, Ways and Means Committee
Hawaii State Legislature, Hawaii State Capitol Room 208
Honolulu, HI 96813

Representative Sylvia Luke
Chair, Finance Committee
Hawaii State Legislature, Hawaii State Capitol Room 306
Honolulu, HI 96813

RE: Letter of support for GIA applications from Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR)

Aloha e Senator Dela Cruz me Representative Luke,

Hawaii Tourism Authority is writing in support of Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR) and their request for State of Hawaii Grant in Aid (GIA) support for the fiscal year 2020-2021. Their GIA requests are to help offset capital and operating expenses to build their proposed Hawaii Marine Science Center. The Center will be sited at the Oceanic Institute facility at Waimanalo, Oahu in partnership with Hawaii Pacific University. The Center will provide marine science-related education and outreach to Hawaii residents and visitors which will in turn, help our fragile ocean ecosystem and the protected species that depend on it.

The Center will also house facilities to conduct marine turtle rehabilitation and short-term seabird rehabilitation, both of which are important functions to help these protected animals. HMAR fills a critical role in Hawaii conservation and these educational and rehabilitation capabilities are very much needed. HMAR's proposed Center will also support HTA's mission and objectives in the preservation and recovery of Hawaii's protected marine species and natural resources.

Since HMAR started in 2016, they have demonstrated a strong ability to develop and run effective conservation programs that aid in the preservation of Hawaiian monk seals, marine turtles, seabirds and the nearshore marine ecosystem. HTA has awarded contracts to HMAR in the past and will be supporting HMAR with a contract in 2020. HMAR has worked as a supportive partner with and in cooperation with HTA to support Hawaii's natural resources and protected marine animals and we support them in their efforts to build and operate their proposed Hawaii Marine Science Center.



HAWAII TOURISM
AUTHORITY

Hawai'i Convention Center
1801 Kalākaua Avenue, Honolulu, Hawai'i 96815
kelepona tel 808 973 2255
kelepa'i fax 808 973 2253
kahua pa'a :web hawaiiourismauthority.org

David Y. Ige
Governor

Chris Tatum
President and Chief Executive Officer

I urge the State of Hawaii to support HMAR's proposed endeavor through support of their Grant in Aid applications.

Please feel free to reach out to me if you would like further input from HTA concerning this letter of support.

Thank you in advance for your consideration,

Me ka ha'aha'a,

Chael Kekona

Chael Kekona

HTA Program Specialist

Hawai'i Tourism Authority

State of Hawai'i



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Pacific Islands Fish and Wildlife Office
300 Ala Moana Boulevard, Room 3-122, Box 50088
Honolulu, Hawaii 96850

18 December 2019

Representative Sylvia Luke
Chair, Finance Committee
Hawaii State Legislature, Hawaii State Capitol
Room 306
Honolulu, HI 96813

RE: Letter of support for GIA applications from Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR)

Dear Representative Luke and Senator Dela Cruz:

On behalf of the U.S. Fish and Wildlife Service's Pacific Islands Coastal Program (PICP), I write in support of the State of Hawaii Grant in Aid (GIA) proposals submitted by Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response (HMAR). PICP supports HMAR's proposal for funding for their new Hawaii Marine Science Center, which will incorporate rehabilitation and care facilities for sea turtles and seabirds. PICP has worked with HMAR since 2017 on sea turtle and, more recently, seabird stewardship and marine debris clean-up activities.

Marine ecosystem conservation education is a critical activity that needs support and more capacity given the dire state of the world's oceans and the increasing impacts to the protected marine animals that call it home. Rehabilitative care for sea turtles and seabirds will increase education opportunities, build capacity for how to care for injured animals and can positively affect recovery of these protected species. HMAR, through their programs supported by PICP, NOAA and others, has demonstrated skill and commitment and support from the community that will make their new Hawaii Marine Science Center a success.

PICP considers HMAR an integral partner for response and protection of marine species on Oahu and elsewhere in the main Hawaiian Islands. PICP enthusiastically supports HMAR's marine science and rehabilitation center efforts and we look forward to watching it succeed. Please feel free to contact me with any questions at sheldon_plentovich@fws.gov or (808) 792-9400.

Sincerely,

Sheldon Plentovich

Sheldon Plentovich, PhD
Pacific Islands Coastal Program Coordinator





U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Pacific Islands Fisheries Science Center
1845 Wasp Blvd. Bldg. 176 • Honolulu, Hawaii 96818
Ph: (808) 725-5360 Fax: (808) 725-5475

January 8, 2020

Jon D. Gelman
Hawaii Marine Animal Response
150 Hamakua Drive, #350
Kailua, HI 96734
(808) 626-5295

Re: Hawaii Marine Animal Response's collaboration with NOAA

To whom it may concern,

I am writing to confirm the NOAA Marine Turtle Biology and Assessment Program's ongoing collaboration with Hawaii Marine Animal Response (HMAR) in our efforts to conduct population assessments of the threatened Hawaiian green sea turtle and the endangered hawksbill sea turtle. For over 3 years, HMAR has worked with NOAA under cooperative agreements to support protected marine animals, which for sea turtles, has included extensive field support to respond to stranded turtles. Our ability to collect scientific data to advance our knowledge of sea turtles is enhanced by our collaboration with HMAR and their efforts to strengthen sea turtle stranding response in Hawai'i. HMAR bolsters our ability to gain biological data about stranded sea turtles, as well as the threats impacting their populations.

Providing appropriate and culturally-sensitive community outreach and education about Hawaiian sea turtles is a priority for sea turtle management and critical to their recovery. HMAR's outreach efforts through their frequent interactions with the public are an asset to Hawaiian sea turtle outreach and education efforts. We are committed to providing the best available science, imagery, and other information to help make their efforts successful.

Please contact me if you have any questions or need more information.

With kind regards,

A handwritten signature in black ink that reads "Summer L. Martin".

Summer L. Martin, Ph.D.

Leader, Marine Turtle Biology & Assessment Program
Protected Species Division
NOAA Fisheries Pacific Islands Fisheries Science Center
summer.martin@noaa.gov
(808) 725-5750



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, 2019.

Enclosed in this application

2. Declaration Statement

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

Enclosed in this application.

3. Public Purpose

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

This grant will be used to serve the public of Hawaii through the Hawaii Marine Science Center (HMSC), a facility dedicated to marine conservation and education, and the rehabilitation and release of protected marine animals.

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;

Hawaii Marine Mammal Alliance, operating under its trade name Hawaii Marine Animal Response (HMAR) is the largest Hawaii-based marine species response and conservation organization. We are a nonprofit institution with a team of dedicated volunteers, interns, and staff that works every day of the year to protect and conserve Hawai'i's marine animals and our ocean ecosystem. HMAR

is supported through government grants and contracts, corporate partnerships, and by public donations from people who share our vision – a healthy ocean ecosystem that sustains healthy human and wildlife populations for generations to come. We focus on protected species* whose populations face the highest risks from human impacts, including endangered species like the Hawaiian monk seal and hawksbill sea turtles, threatened green sea turtles, and vulnerable native seabirds. We even provide support for field response and rescue of stranded dolphins and whales.

HMAR's capacity and impact have grown tremendously in the four years since we started, in 2016. We currently operate 5 programs that protect marine species and support ocean ecosystem conservation: Dispatch and Reporting, Animal Rescue, Field Support and Outreach, Education and Engagement, and Marine Debris Removal. These programs work synergistically to address the main threats to Hawaii's protected marine species. Our programs all support three key objectives: (1) growing an engaged community of ocean stewards, (2) managing and growing protected species populations, and (3) saving animals that need help. Since 2016, we have received more than 12,200 phone calls on our hotline from people reporting protected marine animals that may be in distress, our team members have been engaged in field-related activities more than 12,300 times, and we have been involved in over 700 animal rescues and interventions. Through our outreach and education programs we have reached more than 256,000 people with face to face educational interactions. HMAR's field activities, such as rescue of stranded or injured animals, has facilitated positive outcomes and helped save animals. And for those unfortunate animals that can't be saved, the field support we provide helps to ensure that the information learned will be useful to the scientific community and can help to inform future management and conservation efforts.

But more can be done, and more needs to be done. HMAR's experience rescuing distressed, sick, and injured wildlife over the past 4 years indicates the need for a dedicated wildlife rehabilitation facility on O'ahu. HMAR is proposing to build and operate the Hawai'i Marine Science Center (HMSC), where wildlife rehabilitation, science, education, and community engagement can be integrated for the benefit of the people and wildlife of Hawai'i and the ocean ecosystem that supports us all.

People love to see and experience wildlife first-hand. Rescuing, treating, and rehabilitating sick and injured wildlife represents an incredible opportunity to save protected wildlife species and reintroduce those animals so that they can contribute to the survival of wild populations. The ability to show that to people first-hand provides an opportunity to facilitate meaningful education and outreach experiences, and to inspire environmental stewardship in local community members and visitors alike.

Through our structured Education and Engagement Program, HMAR empowers and inspires local youth, visitors, and community members to make their own decisions about of our oceans and our planet, by providing them with the tools

necessary to make informed decisions about our future. The basis of the Education and Engagement Program is face to face interactions in classrooms, at community events, and in strategic areas of high tourism traffic that intersect with marine wildlife. HMAR has developed a wide range of tailored curricula that emphasize honoring cultural perspectives on nature and wildlife, in order to more effectively engage culturally and demographically diverse audiences. The foundation of our approach to structured educational outreach is solution-based using hands-on, inquiry-based learning methods, which have been shown to be among the most effective methods for teaching conservation concepts. Our proposed Hawai'i Marine Science Center (HMSC) would allow us to develop far more educational content, reach significantly more visitors and residents, and greatly expand community outreach activities.

**Note: Protected species are those that are afforded special and additional conservation actions under the federal Marine Mammal Protection Act (MMPA), the Endangered Species Act (ESA) and State of Hawaii statutes.*

2. The goals and objectives related to the request;

Our aims are to preserve and recover Hawai'i's protected marine species and to promote stewardship of Hawai'i's unique ocean ecosystem.

Our goal is to develop and open the Hawai'i Marine Science Center (HMSC), the first dedicated marine science education and wildlife rehabilitation center on O'ahu.

Our objectives are to plan and execute the capital improvements necessary to achieve our goal of opening HMSC, as follows:

1. Plan, design, and construct the Welcome Center at HMSC.
 - a. Remodel existing facilities and upgrade infrastructure as necessary to meet the Welcome Center Requirements.
2. Plan, design, and construct the Discovery Center at HMSC.
 - a. Remodel existing facilities and upgrade infrastructure as necessary to meet the Discovery Center Requirements.
 - b. Develop and install educational exhibits that are scientifically accurate and culturally informative.
3. Plan, design, and construct the Wildlife Health Center at HMSC.
 - a. Remodel existing facilities and upgrade the infrastructure as necessary to meet the Wildlife Health Center Requirements.
 - b. Identify, purchase, and install the equipment necessary to provide veterinary care and treatment for stranded, sick, and injured protected species of sea turtles and sea birds.

4. Plan, design, and construct the Rehabilitation Center at HMSC.
 - a. Remodel existing facilities and upgrade the infrastructure as necessary to meet the Rehabilitation Center Requirements.
 - b. Identify, purchase, and install the equipment and life support systems necessary to provide rehabilitative care for stranded, sick, and injured protected species of sea turtles and sea birds.
3. The public purpose and need to be served;

The Conservation Need. The health and well being of Hawai'i's people, and the economic benefits derived from tourism, are closely tied to Hawai'i's unique island and ocean ecosystems. But these ecosystems are at risk, and so are the wide range of benefits they provide to the people of Hawai'i. As residents of Hawaii, we are deeply connected to the ocean and affected by the impact that things like pollution, marine debris, climate change, sea level rise, overfishing, and invasive species have on the animals and people who live in and around the ocean. Many local and transplanted Hawai'i residents believe it is our kuleana to malama our home from mauka to makai. The Hawai'i Marine Science Center will facilitate this kuleana by serving as a hub for educational and outreach activities, saving protected wildlife, and supporting a sustainable community for the benefit of our aina, our ohana, and our keiki. Ensuring future generations have access to the natural resources, economic benefits, and beauty that have sustained, nourished, and supported island residents for generations depends on our stewardship of the ocean ecosystem today.

Care for Sea Turtles. There are two species of sea turtles that are most common on Oahu, the green sea turtle (*honu*) and the hawksbill sea turtle (*'ea*). These animals are sacred in Hawaiian culture, where they are regarded with reverence. Some consider these animals to be their *aumakua* (spiritual ancestors). The populations of these two sea turtle species were significantly depleted by commercial harvest and exploitation in the period following the colonization of the Hawaiian Islands. Prior to that, turtle harvest was carefully regulated under the kapu system. Today, green sea turtle populations are showing signs of recovery, but they are still threatened. Hawksbill sea turtle populations have not fared so well and the species is critically endangered. The primary threats to these animals are caused by humans.

HMAR has responded to over 420 sea turtles since 2017, when we became involved in the stranding response and rescue of these sea turtles, through a cooperative agreement and grant from the National Oceanic and Atmospheric Administration (NOAA). Sea turtle rehabilitation in Hawai'i is currently conducted by NOAA, but this function is not core to their mission, which is specifically focused on research. Our partners at NOAA are in support of HMAR's plan to perform sea turtle rehabilitation at the Hawaii Marine Science Center (HMSC). The federal and State permits authorizing HMAR to rehabilitate protected species are pending and expected to be completed by May 2020. The HMSC will treat,

rehabilitate, and release stranded, sick, and injured sea turtles. Release of sea turtles will be coordinated with all appropriate federal and state agencies and will also include Hawaiian cultural practitioners, and community engagement and outreach.

Care for Seabirds. Seabird populations once thrived in Hawai'i. Fishermen relied on birds to assist with finding food and providing insight into weather patterns. Today, nearly every native seabird species in Hawaii is threatened with extinction. Some of the main threats to seabirds are entanglement and ingestion of marine debris, "fallout," and invasive species interactions (from cats, dogs, and mongoose). Seasonally, in late fall of each year, fledging seabirds trying to navigate for the first time can become disoriented by artificial light and become stuck on the ground, where they are vulnerable to injury from vehicles and predation by invasive animals. This phenomenon, called "fallout," can affect both juvenile and adult seabirds. Hundreds of the seabirds found suffering from "fallout" (many are never seen or found) end up needing short term care and rehabilitation each year. Currently, there is insufficient capacity on Oahu to handle the increasing number of seabirds that require short-term stabilization, rehabilitation, and release each year. HMAR currently provides seabird rescue and transport services with authorization under both U.S. Fish and Wildlife Service and State of Hawaii permits. These permits are under revision to include rehabilitation activities and are expected to be updated by May 2020. At HMSC, we will provide an option for short-term rehabilitation and release of native seabirds on Oahu.

Public Education. A significant portion of the HMSC facilities and activities will be dedicated to public education associated with ocean and marine ecosystem conservation. We will provide valuable learning experiences for Hawai'i residents and visitors from all around the world. There is a public need for STEM education programs to help us better understand our ocean ecosystem and the changes that are occurring. We will continue to offer educational programs tailored to different demographics and audiences at HMSC, including adults and all ages of children, local residents, and visitors from a wide variety of countries and cultures. These experiences are designed to engage, educate, empower, and inspire people about how they can make a difference from anywhere in the world. The HMSC education area will include exhibits on seabirds, sea turtles, sustainability, and marine mammals such as the Hawaiian monk seal and humpback whale, to connect visitors to the ocean and raise awareness of allowable behavior around these protected species, while they are visiting Hawai'i. The teaching approach employed by HMSC personnel will be informed by educational literature, and utilize a combination of hands-on, inquiry-based methods to best reach HMSC visitors with STEM curricula. This approach, complimented by project-based, solution-focused discussion will equip visitors with an enhanced understanding of marine conservation issues and challenges. Our educational messaging will accompany conservation tools that can be applied by any member of the public. We will offer guided tours, classroom programs, and the experience to learn first-hand about the rescue, rehabilitation,

and release process of Hawaii's protected marine wildlife. It is our goal for visitors to HMSC to have enriching, informative experiences and to leave with the tools and inspiration to effect lasting change for themselves and the environment.

4. Describe the target population to be served; and

The HMSC target population includes Hawaii residents and visitors of all ages. Tourists and residents alike can come learn about Hawaii's protected marine animals, traditional Hawaiian perspectives on marine sustainability, actions each person can take to help, and view ongoing rehabilitation and release of sea turtles and seabirds. In addition, local residents of Oahu can participate in volunteer opportunities working not only at our new HMSC facility but in the field as a HMAR team member. As a partner with Hawaii Pacific University and Oceanic Institute, the HMSC will provide internship and volunteer opportunities to both undergraduate and graduate students to enhance their skillsets in the conservation field. Our HMAR volunteers, docents, and interns will be instrumental in the daily activities of HMSC, allowing them the opportunity to participate in the full circle of conservation and species preservation from education, to field response, animal rescue and lastly rehabilitation and release. One of our priority target populations is K-12 students from all socioeconomic backgrounds. The education component of the HMSC will be a natural extension of our current Education & Engagement program, where we can provide classrooms of all ages with hands-on, inquiry based, comprehensive lessons on marine wildlife and conservation topics. We will work alongside teachers to supplement their curricula with our conservation and STEM related material. HMSC will facilitate teaching students about the current health of the ocean ecosystem, and how to participate in finding and implementing solutions.

5. Describe the geographic coverage.

While HMAR's current activities span all of Oahu with a subset of our work also conducted on Molokai. The HMSC will be located in Waimanalo where it will be easily accessible from anywhere on Oahu. Our partners include Hawaii Pacific University (HPU) and Oceanic Institute (OI), where we will renovate and re-use an existing building and some associated land to bring the HMSC to life.

The HMSC will be physically located on Oahu, but we intend for the geographic reach of the HMSC's message to extend globally through the lessons learned during each visitor's experiences. It is our hope that each visitor to the HMSC will take home some information, tools and inspiration for ocean stewardship to be shared in their home communities.

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;

The vision of the Hawaii Marine Science Center is based on the following philosophies: 1) An active, educated, and engaged community has the potential to preserve its natural environment for future generations; 2) Through rescue, rehabilitation, and release of Hawaii's marine life in combination with education, we can introduce an approach to marine life conservation not utilized before on Oahu; and 3) By inspiring visitors from all backgrounds to care for the ocean and the protected animals that call it home, they will relay conservation messaging within their own communities and take actions leading to global change. These philosophies manifest through the structure and function of HMSC.

Visitors to the non-profit HMSC will enter our facility at the **Welcome Center**, where they will have the opportunity to make a donation for self-guided or docent-guided tours, take photos, and purchase items such as sustainable goods and apparel from our gift store. A portion of the Welcome Center will also serve as a rotating exhibit space where local artists can offer their ocean-related products.

In addition to the Welcome Center, the HMSC will incorporate three areas – the Discovery Center, the Wildlife Health Center, and the Rehabilitation Center. If visitors choose to participate in a guided tour, volunteer docents will escort visitors through all three areas of the HMSC while providing education and in-depth information. If visitors choose a self-guided tour, they can enjoy the Discovery Center on their own and explore educational exhibits without access to the Wildlife Health and Rehabilitation Centers.

In the **Discovery Center**, there will be exhibits covering a wide range of conservation topics related to ocean health and actionable steps each person can take to effect positive change. These exhibits will be both indoor and outdoor as well as static and interactive. During this section of the tour, visitors will be given the background information on threats to the species of animals we care for at the HMSC and the ocean as a whole. Our inquiry-based educational approach has been demonstrated through research and publications to maximize retention, achievement, and understanding of complex scientific concepts.

The tour will continue to the **Wildlife Health Center**. At the Wildlife Health Center, visitors will be able to observe our veterinarian, veterinary technicians, and animal care specialists and interns as they carry out their daily responsibilities. Visitors will see components of the animal care process including assessment, diagnosis, and treatment of a wide variety of ailments. One-way observation techniques will be used utilized in order to minimize stress to

seabirds and sea turtles under care will be minimized, and tour guides will provide information on the animal behavior that visitors observe.

Next will be the **Rehabilitation Center**, where visitors will be able to visit the recovering sea turtle patients in their tanks. Interns, docents, and volunteers that work with rehabilitating animals will share the story of each patient, their stage of recovery, and future steps. The HMSC will not maintain a permanently held collection of animals. The goal of the Rehabilitation Center is to treat and rehabilitate animals so they may be released back into their wild, natural habitat to contribute to the wild population. This last portion of the tour is essential to connect visitors with individual animals and to inspire positive change moving forward. As visitors leave, they will be invited to provide feedback about their experience through a survey.

In addition to the self-guided and guided tours, there will be opportunities for private tours, education and outreach programs for classrooms, and corporate events. Private tours will take the structure of the standard tour with a smaller group size and the ability to tailor the tour based on the audience interests. Classroom programs will be developed with specific themes and tailored to each age group using teaching methods to best support student engagement and application. These programs have the potential to be restructured, abbreviated, or expanded based on the needs of the teacher and the objectives required for Next Generation Science Standards. Corporate events will allow HMSC personnel to showcase the center to corporate partners after the center has closed to the public each day.

All areas of the Center come together to provide visitors with a personal and enriching experience learning about the ocean and the protected marine life that call it home. As a non-profit operation, the HMSC will be able to remain focused on our objectives of education, inspiration and animal care.

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

The development of the HMSC will be conducted in 5 phases.

Phase	Objectives	Outcomes
Phase 1 3/2020 – 5/2020	<ol style="list-style-type: none"> 1. Finalize facility design to maximize functionality to fulfill mission 2. Finalize facility drawings and renderings with contracted architect 3. Determine educational exhibit themes, placement, and messaging 4. Finalize designs and drawings of educational exhibits 	<ol style="list-style-type: none"> 1. Confirmed design of HMSC functional centers
Phase 2 6/2020 – 9/2020	<ol style="list-style-type: none"> 1. Order equipment and materials requiring long lead times 2. Begin initial building and land renovations 3. Begin construction of educational exhibits 4. Structure classroom educational programs 	<ol style="list-style-type: none"> 1. Long lead-time orders completed 2. Building and land renovations started 3. Educational exhibits

	and curricula 5. Develop culturally sound messaging for exhibits	construction started
Phase 3 10/2020- 11/2020	1. Continue construction and remodeling of facility 2. Receive long lead-time equipment and materials 3. Installation of fixtures and exhibits 4. Order and stock Welcome Center will necessary products 5. Install computer and network equipment	1. Completed external construction of all centers in HMSC 2. Initial internal construction completed
Phase 4 11/2020	1. Hire and train appropriate staff 2. Confirm internal protocols for all 3 HMSC branches 3. Onboard and train volunteers, docents, and interns 4. Test run of processes and procedures	1. Established HMSC team proficient in best practices, expectations, and internal protocols
Phase 5 12/2020	1. Accept first patients 2. Soft launch of education and rehabilitation functions 3. Refine internal protocols	1. Soft launch 2. Operational processes refined
Phase 6 1/2021	1. Grand Opening	1. Operating Center

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

For the education portion of the HMSC, our evaluation plans will be largely formative during the first year of operations. Staff, interns, volunteers, and docents will provide ongoing feedback to increase operational efficiency and refinement of content. Visitors to HMSC will be given the option to fill out a feedback survey, where they can offer suggestions and positive and negative perspectives about their experience at the HMSC. Our classroom programs will also give teachers the ability to provide feedback and suggestions. HMSC staff will closely monitor activity at the Center by quantifying and classifying daily visitor information, social media input and visitor surveys.

HMSC will closely monitor the following activities and outcomes to measure the success of our classroom programs:

1. Hours spent by students in classroom programs
2. Percentage of returning classrooms
3. Student survey detailed below:

Indicator	Survey Question Sample	Objective
Students are familiar with multiple issues that threaten ocean health.	"I've learned about threats that are hurting the ocean."	80%+ of students are familiar with multiple ocean threats.
Students can identify individual actions to help	"I can do something today	80%+ of students are

the ocean.	for the ocean.”	aware of their impact.
Students are engaged with the STEM curricula developed at HMSC.	“I enjoyed the lessons taught to me today at HMSC.”	80%+ of students are excited about the lessons they learned.
Students have learned how humans care for marine life at HMSC.	“I’ve seen how humans help the marine animals at HMSC.”	80%+ of students understand ways humans can help wildlife.
Students are more interested in STEM career fields after visiting the HMSC.	“After visiting HMSC, I could consider a career in science or conservation.”	80%+ students are more interested in STEM careers.

4. For the medical care and rehabilitation portion of the HMSC, all veterinary care and rehabilitative care activities will be carried out in accordance with established best practices. We will maintain thorough medical records, and we will evaluate the efficacy of care and rehabilitation based on established metrics within the fields of veterinary medicine and wildlife rehabilitation. As a permittee of the U.S. Fish and Wildlife Service and the State of Hawaii DLNR, the HMSC will be available for inspections in compliance with all regulatory and permitting requirements.
5. 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.

HMSC will use tangible measures to evaluate the success of our facility. We will report to the State agency quarterly, or as otherwise requested by the agency. We will use the following benchmarks to measure the effectiveness of HMSC:

1. Monthly number of visitors to the HMSC
2. Demographics of visitors
3. Visitor survey results
4. Number of sea turtle patients treated
5. Number of sea turtle patients released
6. Number of seabird patients treated
7. Number of seabird patients released/transferred
8. Number of classroom visits by schools in the community
9. Number of volunteers, interns, and docents involved in the mission of HMSC
10. Growth of following and engagement across social media platforms

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](#))

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2020 to June 30, 2021

Applicant: **Hawaii Marine Animal Response**

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
TOTAL:				
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2020 to June 30, 2021

Applicant: **Hawaii Marine Animal Response**

EQUIPMENT DESCRIPTION	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
X-ray machine	1	\$35,000.00	\$35,000.00	\$35,000.00
CO2 laser	1	\$22,000.00	\$22,000.00	\$22,000.00
Endoscopy equipment	1	\$15,000.00	\$15,000.00	\$15,000.00
Rehabilitation / holding tanks	6	\$3,500.00	\$21,000.00	\$21,000.00
Life support systems (pumps, valves, water treatment equip.)	1	\$50,000.00	\$50,000.00	\$50,000.00
Medication safe	1	\$2,500.00	\$2,500.00	\$2,500.00
Surgical / husbandry tools (forceps, clamps, tweezers, scalpels)	1	\$25,000.00	\$25,000.00	\$25,000.00
Cage stack	2	\$10,000.00	\$20,000.00	\$20,000.00
Animal scale	1	\$2,000.00	\$2,000.00	\$2,000.00
Turtle stretcher	2	\$1,500.00	\$3,000.00	\$3,000.00
Clinical work computers	2	\$3,000.00	\$6,000.00	\$6,000.00
Non-clinical work computers	2	\$1,500.00	\$3,000.00	\$3,000.00
Air conditioning (split systems)	4	\$2,500.00	\$10,000.00	\$10,000.00
Exam / surgery table	2	\$3,000.00	\$6,000.00	\$6,000.00
Exam / surgery light	2	\$1,500.00	\$3,000.00	\$3,000.00
Autoclave	1	\$2,000.00	\$2,000.00	\$2,000.00
Microscope	2	\$3,000.00	\$6,000.00	\$6,000.00
Facility maintenance tools (power tools, hand tools, etc.)	1	\$3,000.00	\$3,000.00	\$3,000.00
Facility landscaping tools (mowers, weed cutters, blowers, etc.)	1	\$3,000.00	\$3,000.00	\$3,000.00
Commercial washer	1	\$2,000.00	\$2,000.00	\$2,000.00
Commercial dryer	1	\$2,000.00	\$2,000.00	\$2,000.00
Educational exhibits	10	\$2,500.00	\$25,000.00	\$25,000.00
Office Furniture	10	\$300.00	\$3,000.00	\$3,000.00
Telecommunications and network equipment	5	\$300.00	\$1,500.00	\$1,500.00
Security cameras and alarm systems	10	\$200.00	\$2,000.00	\$2,000.00
TOTAL:	71		#####	#####
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2020 to June 30, 2021

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
Used 2015 to 2018 Toyota Tacoma Truck	2.00	\$35,000.00	\$ 70,000.00	\$70,000.00
			\$ -	
TOTAL:	2		\$ 70,000.00	\$70,000.00
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2020 to June 30, 2021

Applicant: Hawaii Marine Animal Response

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: 2018-2019	FY: 2019-2020	FY:2020-2021	FY:2020-2021	FY:2021-2022	FY:2022-2023
PLANS	\$0.00	\$0.00	\$25,000.00	\$20,000.00	\$0.00	\$0.00
LAND ACQUISITION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DESIGN	\$0.00	\$0.00	\$25,000.00	\$20,000.00	\$0.00	\$0.00
CONSTRUCTION	\$0.00	\$0.00	\$996,000.00	\$130,000.00	\$0.00	\$0.00
EQUIPMENT	\$0.00	\$0.00	\$273,000.00	\$92,000.00	\$0.00	\$0.00
TOTAL:	\$0.00	\$0.00	\$1,319,000.00	\$262,000.00	\$0.00	\$0.00
JUSTIFICATION/COMMENTS:						

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Applicant: **Hawaii Marine Animal Response**

Contracts Total: **0**

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
4					
5	None applicable to the proposed project.				
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- 2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2021.**

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$500,000	\$500,000	\$319,000	\$0	\$1,319,000

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

HMAR is seeking \$262,000 from a variety of private and corporate donations.

- 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.**

None

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

Below are the federal, state, and county government contracts, grants, and grants in aid to HMAR in the past 3 years and will be receiving for fiscal year 2020. These grants and contracts are associated with specific work, objectives and activities conducted by HMAR that are independent from the functions and activities that will be performed in the HMSC proposed in this GIA application. Therefore, the funds provided to HMAR that are listed below may not be used for the capital or operating expenses of the project proposed in this GIA application.

- 2016 to 2019: NOAA Grant NA16NMF4540057, \$280,032.00
- 2019 to 2022: NOAA Grant NA19NMF4540009, FY2019-2020: \$113,722.00
- 2019 to 2022: NOAA Grant NA19NMF4540011, FY2019-2020: \$46,545.00
- 2017 to 2020: NOAA Grant NA17NMF4540062, FY2017-2018: \$29,986.00, FY2018-2019: \$43,146.00, FY2019-2020: \$48,280.00
- 2018 to 2021: U.S. Fish and Wildlife Service Grant F18AC00512, FY 2018-2019: \$24,052.00, FY2019-2020: \$25,000.00
- 2017: Hawaii Tourism Authority, CON17154: \$20,000.00
- 2018: Hawaii Tourism Authority, CON18108: \$20,000.00
- 2019: Hawaii Tourism Authority, CON19119: \$30,000.00
- 2020: Hawaii Tourism Authority, CON20163: \$49,000.00

- 6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2019.**

As of December 31, 2019, the unrestricted current assets of Hawaii Marine Mammal Alliance dba Hawaii Marine Animal Response was estimated to be \$50,000. This is an estimated total because as of the date of this application submittal, our final 2019 financial statements were being completed.

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.

Since 2016, Hawaii Marine Animal Response (HMAR) has been the largest Hawaii-based marine species response organization in the state. HMAR currently has 7 staff members and approximately 85 active volunteers and interns. Our staff has years of experience in marine conservation, conservation education, scientific research, wildlife veterinarian medical support and rehabilitation, Hawaiian culture, volunteer management, and federal and state partnerships. Our current work encompasses the islands of Oahu and Molokai and spans across numerous protected marine species. Examples of current and past cooperative agreements, grants, contracts and other agreements are listed below. The available funds from existing agreements and grants are for specific activities not associated with the projected activities of the HMSC, thus, none of the current grants and contract funds may be applied to our HMSC project. However, our current and past agreements and grants demonstrate the competency, skill set, and impact we have made as a species preservation institution, and serve as an example of what we will continue to do in the future for Hawaii.

Several letters of support and acknowledgement of HMAR's capabilities and performance are attached to this application.

Hawaii Marine Animal Response operates under several cooperative agreements, grants, contracts and other agreements. Additionally, we have successfully completed several prior cooperative agreements, grants and contracts including:

2016 – Current	Cooperative Agreement and Grant with NOAA to act as first responder agency for Hawaiian monk seal response, verification, outreach, education, strandings and intervention support on Oahu and Molokai.
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2017 – Current	Cooperative Agreement and Grant with NOAA to act as first responder agency for sea turtle response, stranding support, rescue and outreach
2018 – Current	Cooperative Agreement and Grant with the U.S. Fish and Wildlife Service to provide sea turtle and seabird monitoring and outreach, sea turtle and seabird rescue, and marine debris remediation
2017 - Current	Contract with the Hawaii Tourism Authority to provide public outreach and education, and commercial operator training related to Hawaiian monk seals, sea turtles, seabirds and ocean ecosystem conservation
2019 - Current	Migratory Birds Treaty Act Permit for seabird response/rescue from the U.S. Fish and Wildlife Service
2019 – Current	Wildlife Permit for seabird response/rescue from the Hawaii DLNR Division of Forestry and Wildlife
2019 – Current	Memorandum of Understanding (MOU) to provide support for endangered and threatened marine species in lands under jurisdiction of Hawaii DLNR Division of Forestry and Wildlife
2019 – Current	Right of Entry to perform protected marine animal response, outreach, stranding and rescue operations on unencumbered State lands under jurisdiction of the Hawaii DLNR Land Division
Pending	Memorandum of Understanding (MOU) to provide support for endangered and threatened marine species under jurisdiction of the Hawaii DLNR Division of Aquatic Resources

Several key managers currently on staff with HMAR will play important roles in the new HMSC.

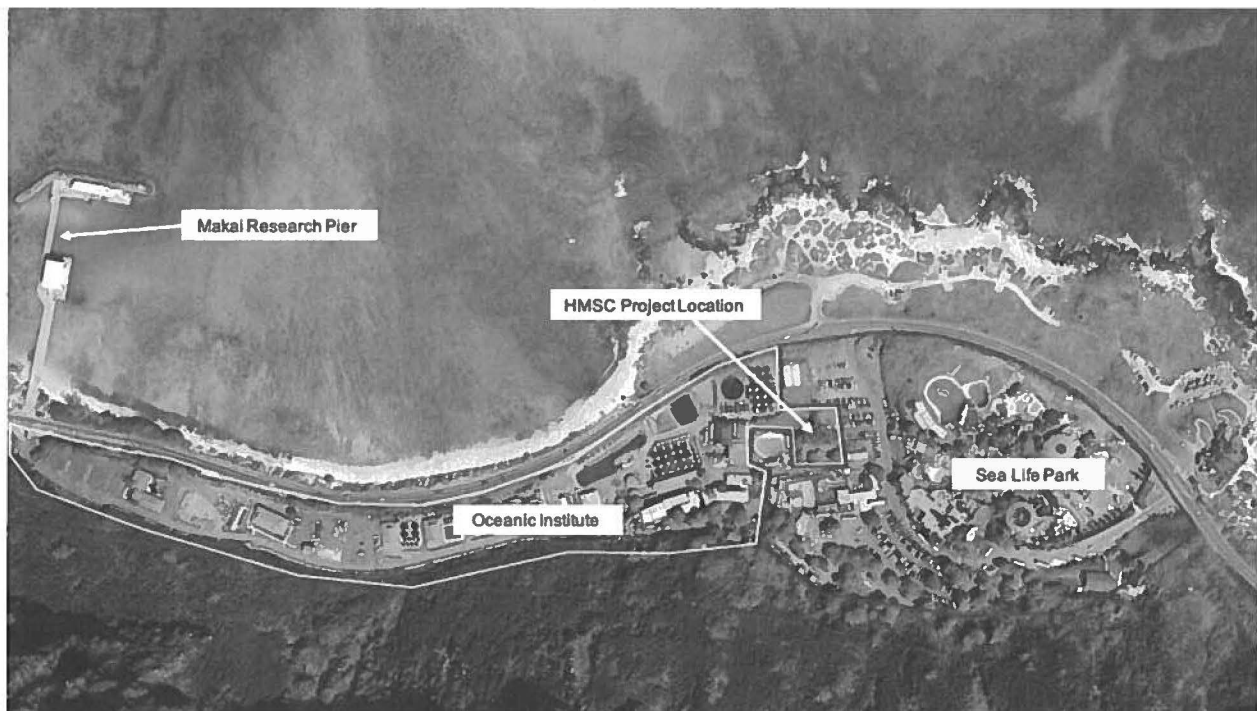
- Jon Gelman is the founder and President of HMAR and as the President, he serves as project manager for all activities conducted by HMAR. Mr. Gelman is a 32-year veteran of the telecommunications industry and has 5 years of experience in operating and managing non-profit organizations. Mr. Gelman will play an oversight role for overall management of the HMSC.
- Dr. Micah Brodsky is a wildlife veterinarian with more than 15 years of experience and established expertise in aquatic animal medicine. He currently serves as the Director of Development for HMAR and is actively participating in planning efforts for the HMSC. When HMSC is operational Dr. Brodsky will serve as the Center Director and Veterinarian, where he will oversee all Center operations and all permitted animal activities for protected species. Dr. Brodsky has extensive experience with marine animal stranding response and rehabilitation, and a proven history of research and publication.

- Nico Lopez currently manages all field operations and cultural relations for HMAR. Mr. Lopez will remain the field operations manager and his expertise and knowledge as a native Hawaiian will be instrumental in ensuring the conservation messaging we share at HMSC is culturally sound and sensitive.
- Carissa Cabrera is the current Programs Manager for HMAR and her current responsibilities are detailed in the section below. She comes from a background of marine animal research, conservation, and outreach. As the education manager of HMSC, Ms. Cabrera will apply her experience in marine conservation curricula development to create an immersive educational experience for visitors that covers a wide variety of conservation topics.

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 HMSC facility will be located on a portion of the Oceanic Institute property in Waimanalo on the island of Oahu (see pictures below). The HMSC will make use of an existing building and surrounding grounds that will be remodeled and upgraded to meet design needs. The facility is currently, and will remain, fenced with gates that are secured after working hours. The HMSC facility will additionally be equipped with security cameras and regular after-hours security service.





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.

- 1. Center Director and Veterinarian:** The Center Director and Veterinarian will be Micah Brodsky, V.M.D. Dr. Brodsky's current role is that of Director Development for HMAR and will lead the HMSC project management effort. When the HMSC is operational, Dr. Brodsky will assume the role of Director and Veterinarian for HMSC. He brings over 15 years of expertise in marine animal response, assessment, medical care, handling techniques, protocol development, research, and oversight responsibilities. His extensive knowledge on best practices related to protected species recovery will be instrumental to fulfilling the mission of HMSC.
- 2. Facility Manager:** This candidate for this position has not been selected yet but the qualifications and desired experience have been identified. This manager will work alongside as a peer to other HMAR supervisors

and will report to the Center Director and Veterinarian. This candidate will have experience in supervisor positions, facility management, and training. Ideally, this candidate will be sourced locally and have past experience in a wildlife center setting. This individual will be selected, vetted, and trained by existing HMAR staff. The responsibilities of this position include developing and managing standard protocols for HMSC operations, establishing and managing policies and procedures, managing inventory and supplies, accounts payable, accounts receivable, supervising volunteers to assist with facility maintenance, and other duties as assigned.

3. **Veterinary Technicians:** The HMSC will employ one full-time and one part-time position that will report to the Center Director and Veterinarian. Veterinarian Technicians will be responsible for a wide variety of services to our patients including anesthesia monitoring, physical examinations, patient assessment, surgical preparation/assisting, laboratory work, patient recovery, radiology, administering medications and animal husbandry. At least 2 years of veterinary technician experience is mandatory and wildlife experience is desired.
4. **Operations Technician:** This will be a part-time position to maintain the daily maintenance of the facility. The responsibilities for this position are ensuring proper operations and repair of all areas of the center, maintaining the operations of equipment, power, telecommunications, and other tasks as needed. This individual will also maintain the aesthetic of the facility through landscaping, bathroom maintenance, cleaning, and performing preventative maintenance as requested.
5. **Education Manager:** This will be a full-time position to establish and manage educational resources, displays, programs, events, education interns and volunteers. The position will be held by Carissa Cabrera, who is currently the full-time Programs Manager for HMAR, and manages the Education & Engagement Program and the Marine Debris Program. Ms. Cabrera holds a Master's degree in Marine Science from Hawaii Pacific University and has over 8 years of experience managing marine conservation education and outreach. Across states, Carissa has years of experience in research, volunteering, community collaboration, and supervisory positions focused on protecting the marine environment.

All HMSC staff will be required to obtain and maintain certification for American Red Cross first aid, AED and CPR. In addition, HMSC staff will be required to maintain a minimum of 24-hour HAZWOPER (hazardous waste operations and emergency response) certification.

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.

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.

- Center Director and Veterinarian - \$95,000 to \$125,000
- Facility Manager – \$45,000 to \$55,000
- Veterinarian Technician (full-time) - \$40,000 to \$44,000
- Veterinarian Technician (part-time - \$20,000 to \$22,000
- Operations Technician (part-time) - \$12,000 to \$18,000
- Education Manager (full-time) - \$48,000 to \$52,000 (50% funded by HMSC budget)

VII. Other

1. Litigation

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

Hawaii Marine Animal Response is not involved in any litigation at this time.

2. Licensure or Accreditation

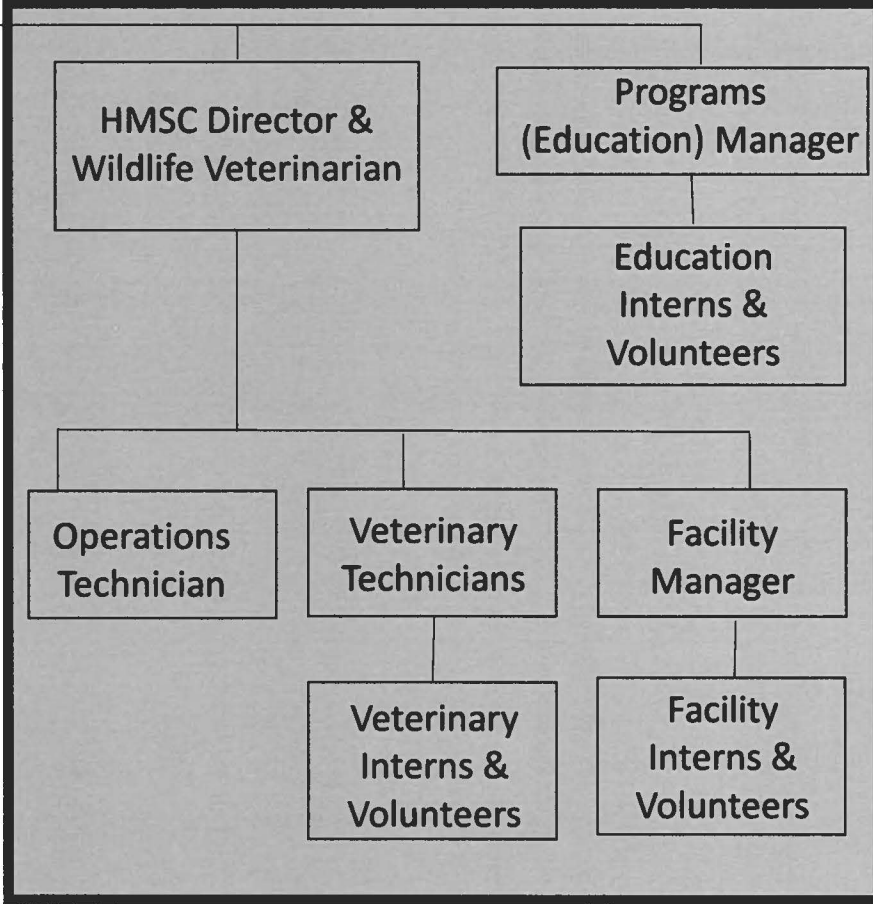
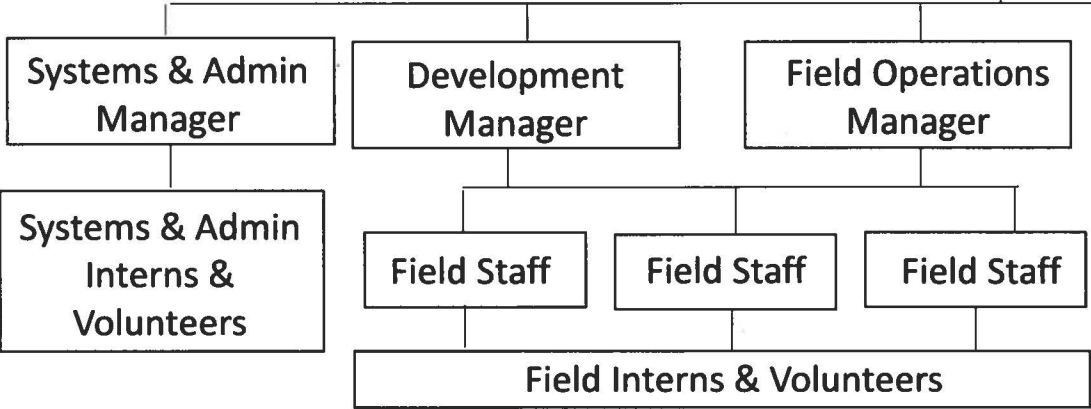
The applicant shall specify any special qualifications, including but not limited to licensure or accreditation that the applicant possesses relevant to this request.

The HMSC Center Director and lead Veterinarian will be Dr. Micah Brodsky. Dr. Brodsky possesses numerous qualifications and licenses related to the objectives outlined in this proposal. These qualifications include: a Doctorate of Veterinary Medicine, 14 research publications in the marine science field, advanced first responder training for marine protected species, and oversight of



Board of Directors

President



marine animal rehabilitation programs and facilities. Specific licensure and accreditation of Dr. Brodsky includes:

- Active veterinary licenses held in California, Florida, Hawaii and Washington
- USDA/APHIS National Veterinary Accreditation Program: Category II Accredited Veterinarian
- U.S. Drug Enforcement Administration Controlled Substance License: Class II – V and Carfentanil User Agreement
- State of Hawaii Department of Public Safety, Narcotics Enforcement Division: Controlled Substances Registration
- OSHA 24-Hour HAZWOPER
- OSHA 4-Hour HAZMAT/HAZCOM
- ICS 100, 200 and 700

HMAR has significant experience in conducting conservation education and protected marine animal response and rescue as detailed below. In addition, HMAR either currently holds, or is in the revision process regarding specialized wildlife permits for the work to be done at the HMSC.

2016 – Current	Cooperative Agreement and Grant with NOAA to act as first responder agency for Hawaiian monk seal response, verification, outreach, education, strandings and intervention support on Oahu and Molokai.
2017 – Current	Cooperative Agreement and Grant with NOAA to act as first responder agency for sea turtle response, stranding support, rescue and outreach
2018 – Current	Cooperative Agreement and Grant with the U.S. Fish and Wildlife Service to provide sea turtle and seabird monitoring and outreach, sea turtle and seabird rescue, and marine debris remediation
2019 - Current	Migratory Birds Treaty Act Permit for seabird response/rescue from the U.S. Fish and Wildlife Service
2019 – Current	Wildlife Permit for seabird response/rescue from the Hawaii DLNR Division of Forestry and Wildlife
2019 – Current	Memorandum of Understanding (MOU) to provide support for endangered and threatened marine species in lands under jurisdiction of Hawaii DLNR Division of Forestry and Wildlife
2019 – Current	Right of Entry to perform protected marine animal response, outreach, stranding and rescue operations on unencumbered State lands under jurisdiction of the Hawaii DLNR Land Division
Pending	Memorandum of Understanding (MOU) to provide support for endangered and threatened marine species under jurisdiction of the Hawaii DLNR Division of

	Aquatic Resources
Pending – Expected May 2020	Sea Turtle Rehabilitation and Education Permit with U.S. Fish & Wildlife Service
Pending – Expected May 2020	Revised Seabird Rehabilitation Permit with U.S. Fish & Wildlife Service
Pending – Expected May 2020	Revised Seabird Rehabilitation with Hawaii DLNR Division of Forestry & Wildlife
Pending – Expected May 2020	Sea Turtle Rehabilitation and Education Permit with Hawaii DLNR Division of Aquatic Resources

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.

The Hawaii Marine Science Center will not be used to support or benefit any sectarian or non-sectarian private educational institution.

4. Future Sustainability Plan

The applicant shall provide a plan for sustaining after fiscal year 2020-21 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2020-21, but
- (b) Not received by the applicant thereafter.

HMSC is requesting funding to support the initial year 1 capital costs of the Center. After opening and by the end of year 1, we project that revenues generated from private donations, corporate donors, private foundations and grants will be sufficient to sustain the Center’s operating budget on a non-profit basis.