

House District(s) 6

Senate District(s) 4

THE TWENTY-NINTH LEGISLATURE
APPLICATION FOR GRANTS
CHAPTER 42F, HAWAII REVISED STATUTES

Log No:

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST – OPERATING

GRANT REQUEST – CAPITAL

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Recipient" means any organization or person receiving a grant.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN): _____

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN): _____

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual:

Friends of NELHA, Inc.

Dba:

Street Address:

73-4485 Kahilihili St., Kailua-Kona, HI 96740

Mailing Address:

73-4460 Queen Kaahumanu Hwy, #125 Kailua-Kona, HI 96740

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name Candee Ellsworth

Title Executive Director

Phone # 808-329-8073

Fax # NA

E-mail ed4fon@gmail.com

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
- FOR PROFIT CORPORATION INCORPORATED IN HAWAII
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL
- OTHER

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

New STEAM Sustainable Aquaculture Education Program at the Friends of NELHA

4. FEDERAL TAX ID #: [REDACTED]

5. STATE TAX ID #: [REDACTED]

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2019: \$ 236,600.00

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 0

AUTHORIZED SIGNATURE

Candee Ellsworth, Executive Director

NAME & TITLE

January 18, 2018

DATE SIGNED

Application for Grants

Please check the box when item/section has been completed. If any item is not applicable to the request, the applicant should enter "not applicable".

I. 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;
2. The goals and objectives related to the request;
3. The public purpose and need to be served;
4. Describe the target population to be served; and
5. Describe the geographic coverage.

II. 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;
2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;
3. Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results; and
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.

III. 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](#))

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2019.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$60,000	\$65,000	\$55,000	\$56,600	\$236,600

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2019.

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.

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 2019 for program funding.

6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2017.

IV. 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.

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.

V. 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.

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 the annual salaries paid by the applicant to the three highest paid officers, directors, or employees of the organization by position.

VI. 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.

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.

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.

4. **Future Sustainability Plan**

The applicant shall provide a plan for sustaining after fiscal year 2018-19 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2018-19, but
- (b) Not received by the applicant thereafter.

5. **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, 2017.

6. **Declaration Statement**

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

7. **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](#))

I. Background & Summary

1. Friends of NELHA Background

Friends of NELHA (FON) is a nonprofit, conservation education organization that offers public educational tours with a focus on renewable energy, sustainability, sustainable aquaculture and the uniqueness of the Hawaii Ocean Science and Technology Park (HOST) administered by the Natural Energy Laboratory of Hawaii Authority (NELHA) at Keahole Point. Our mission is to provide education and outreach at the Natural Energy Laboratory of Hawaii Authority (NELHA) for the responsible and sustainable use of renewable resources for energy, aquaculture, and ocean technology. FON has not only been providing educational outreach to the community and worldwide for over 15 years, but also acts as a liaison between the public (including possible future tenants) and HOST/NELHA--helping to facilitate economic development here in West Hawai'i. It is FON's goal to bring global attention to these innovations in renewable energy and novel uses of seawater happening here on Hawai'i Island. But most importantly, we educate within our island-wide community. As that community liaison we strive to serve as an innovations' advocate here at HOST Park; specializing in educational and cultural experiences in ocean sciences & technology, renewable energy and seawater desalination. As the Hawaii Community's Innovations Advocate, we are hoping to raise the current set of standards at HOST Park by engaging our community and cultural resources in ways that honor the past, present and future. NELHA is only one of two locations in the world that have a deep seawater pipeline and operational Ocean Thermal Energy Conversion (OTEC) facilities. NELHA is a great example of an island using two of its greatest and most prevalent natural resources, sunlight and seawater, to address three of the world's most pressing needs: food, clean energy and fresh water. FON currently offers:

- a. Daily educational tours for the public, providing the history and significance of NELHA/HOST park, detailing what the tenants are doing currently, the importance of the work going on, how that relates to Hawaii's 2030 statewide sustainability goals (HawaiiGreengrowth.org, 2015). The tours also provide an engaging experience at several of the operations here at NELHA/HOST park through three public tour offerings—Inspiring Innovation tour, Ocean Conservation tour and the Sustainable Aquaculture tour.
- b. Custom private tours for educational groups (global and local) consisting of engaging, inspiring tour experiences to suit their needs and expectations, as they relate to NELHA/HOST Park.
- c. Community educational outreach for NELHA/HOST Park through public special events.
- d. Economic support to NELHA/HOST Park tenants that participate in our daily, public programs.
- e. The annual Ocean Energy and Economic Development Symposium and Workshop through the County of Hawaii's Sister City relationship with Kumejima, Japan.

2. Goals and Objectives of this Request

Friends of NELHA has the goal, during the 2019 fiscal year, Fall (2019) and Spring (2020) semesters, of expanding our already robust community outreach to include conducting two STEAM (STEM with the addition of the Arts) professional development education programs focused on sustainable aquaculture efforts within Hawaii for various Hawaii educators (~20 each) and four STEAM education programs for Hawaii Junior High age students (30 each). These programs will focus on the importance, value, and fascinating science, technology and engineering behind these efforts. and The cultural and historical links of present technology to the past will be brought out by the addition of an art component.. The educational component will also include tours to longtime HOST/NELHA tenant Kampachi Farms, where students and educators will learn from scientists in the field of why sustainable aquaculture matters, how they make it happen, what innovations in technology and sustainable diets they have been able to achieve and how they've done it, and the potential job opportunities that await future Hawaii graduates in this field of study. . A tour to Blue Ocean Mariculture will allow participants to see how those concepts from Kampachi Farms extend to scalable, commercial aquaculture industry methods that further Hawaii's food security and secure the state as a leader in this area of expertise. The workshops will include an engaging art component where students will learn about the ancient art of *Gyotaku* (fish printing), and participants will make their own *Gyotaku* prints of Kampachi under the tutelage of a local *Gyotaku* artist. *Gyotaku* prints have been used for over a hundred years as a way for fisherman to record and preserve the species and size of their catches. The printing process is also a great way for students to learn firsthand about fish anatomy and adaptations. These programs will support Hawaii Common Core Science standards which encourage students to solve real-world problems, and will allow us to expand Hawai'i youths education, showcase economic benefits and future green/STEM job opportunities for Hawai'i's youth while meeting Hawai'i's 2030 statewide sustainability goals, linking past and present aquaculture practices as they relate to a responsible use of resources (*Malama `aina*) toward statewide food security, presenting Hawaii as a leader in this role (Corestandards.org, 2018).

3. Public Purpose and Need to be served

More opportunities for STEM education and programs that strengthen science literacy are extremely important for the future of Hawaii. A recent article relating to Hawaii ACT scores indicated that only 11% of Hawaii students met the STEM benchmark of 26 in 2016. ("2016 ACT Scores: 85% of Hawaii Students Not College-Ready > Hawaii Free Press"). This indicates even more that this type of exposure and educational experience are necessary for our students. "The US Department of Education reports that the number of STEM/STEAM jobs in the United States will grow by 14% from 2010 to 2020, growth that the BLS terms as

‘much faster’ than the national average of 5-8 % across all job sectors” (HuffPost, 2018). The inclusion of Art to STEM education makes learning more fun, and strengthens concepts through “doing”, oftentimes making them more memorable as experiential education. FON programs could provide that exposure, and allow educators then to further expand those topics within the classroom to increase education as it relates to the County and State’s goals to foster a culture of sustainability as it relates to economic development and food security.

In September of 2017 NELHA hosted the Hawaii Statewide Aquaculture Summit with the theme of “The Future of Hawaii’s Blue Economy ‘Organizing for 2020’ “. One of the results that emerged from the subsequent working groups was a need for more positive, public education to address negative stereotypes, misconceptions and misinformation about how the aquaculture industry could affect natural resources and ecosystem services within our state. Aquaculture industry participants feel there is a gap in the information representing their efforts that does not include innovative positive changes and technological advances that have made it safer, more energy efficient and less impactful on near and off-shore environments. Hawaii will host the World Aquaculture Society's Aquaculture America 2020 Conference in Honolulu in February of 2020. As previously indicated, the need for community education and awareness on the value of sustainable aquaculture is more important than ever with the threat of overfishing and an increasing demand upon natural resources along with a growing population. The aquaculture industry cannot move forward without more outreach to address the community’s concerns. Hawaii County has indicated a dedication to Sustainable Island Development, and states that this objective is "to enable people to satisfy their basic needs and enjoy a better quality of life without compromising future generations." ("Sustainable Island Development — Hawaii County Community Development Plans") These educational programs would support those very topics, and we have the opportunity to share the County and State’s goals, objectives and successes with a wider audience—especially to the youth of the Island. The county recently embraced Hawaii Green Growth’s Aloha+ Challenge. The Aloha+ Challenge is a statewide commitment to achieve six interconnected sustainability targets by 2030 in Clean Energy, Local Food Production, Natural Resource Management, Solid Waste Reduction, Smart Sustainable Communities and Green Workforce & Education. The Aloha+ Challenge Dashboard tracks Hawaii's progress on achieving its sustainability. These educational programs would address all of those targets. The final two, Smart Sustainable Communities and Green Workforce and Education, currently do not have any data assigned to them on the website dashboard. Providing more educational opportunities for Hawaii students via FON programming would help address those two objectives, while meeting County goals as well. ("2030 Goals").

In addition, NELHA is a unique, gem for Hawaii County which is home to over 600 jobs in fields of renewable energy innovation and is an energy storage test bed. A recent article and press release stated that in 2013 NELHA had \$123 million in economic impact on the State of Hawaii, tenants generated \$5 million in tax revenue for the state and that money spent by the tenants contributed to 617 jobs statewide with earnings totaling \$28.9 million. ("Economic Impact, Expenditures Up At NELHA", 2017). NELHA's activities and opportunities should be disseminated to the youth of Hawaii on a wider scale. Providing these programs would allow students to see and experience what opportunities for future employment are here for them to pursue STEM education to fulfill those future needs, thus benefitting the overall mission of energy independence and Sustainable Island Development. They will see "STEM in action", making a career in those fields of sustainable aquaculture seem attainable and could inspire generations to pursue this future path.

4. Target Population

FON's target population for these educational programs is for Junior High aged students and their educators. In an attempt to focus on upcoming generations, we believe that this age group can better grasp the concepts we will be developing through this educational process.

5. Geographic Coverage and Population Impacted

FON currently serves the West Hawaii community, Island of Hawaii, State of Hawaii and provides programs for groups from all over the world. We have the potential for a local and global reach. Last year FON reached over 8,000 visitors, and gave out nearly 350 free tours to students and educators, with 300 of those benefiting Hawaii residents (a value of over \$10,000). These tours connect young people with possible STEM careers, promote sustainability and inspire others around the world with what is possible in renewable energy innovation and ocean conservation.

II. Service Summary and Outcomes

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

The scope of work for the 2018 fall semester/ 2019 spring semester school year will include two STEAM workshops for Hawaii educators (~20 participants each) and six STEAM workshops (~30 students each) for Hawaii Junior High students centered on sustainable aquaculture; three workshops per semester for a total of 220 participants. The STEAM workshops for the educators will initiate the educators into becoming more familiar with the concepts so that they can better disseminate and reinforce the concepts and information that will be presented to the students participating in the subsequent workshops. The workshops will consist of an informative presentation at the Gateway Visitor Center, tours of Kampachi Farms and Blue Ocean Mariculture, ending with the participants making their own *Gyotaku* prints of Kampachi fish. The participants will have the option of displaying their work within the Gateway Visitor Center as part of an exhibition for the public. FON will work with a Hawaiian educator to make sure that all of the concepts meet state Common Core standards for Language Arts, Math and Science for the corresponding age group. FON is hoping that the outcome of this process will be a more positive outlook on the importance of sustainable aquaculture methods here in Hawai'i. This will help to reinforce the State of Hawaii's goals toward a more food secure future through the responsible use of our natural resources. FON anticipates that it will be a regularly offered item for Hawaii students and educators as a component of FON's normal operations. Friends of NELHA will offer transportation reimbursement for the students and provide for compensation for substitutes for educators on the day of their workshop participation. Along with these various tasks FON will be responsible for ensuring, through the assessment procedures discussed in section II.3, that each of these workshops meets our goal of providing a quality educational experience to the students and educators we are serving. FON will also ensure that our activities and organization are administered properly and effectively and according to established bylaws, conflict of interest policies and Hawaii State Law through the guidance of our Board of Directors.

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

One STEAM workshop for Hawaii educators consisting of 20 participants, and three STEAM workshops consisting of 30 students each will be conducted in the Spring semester of 2019. Assessment surveys developed by FON staff under the guidance of a Hawaii educator for those workshops will be conducted pre and post each workshop, and data compiled after each workshop. Information gleaned from those assessments will be utilized to further improve following workshops. One STEAM workshop for Hawaii educators consisting of 20 participants, and three STEAM workshops consisting of 30 students each will be conducted in the Spring semester of 2020. Assessment surveys for those workshops will be conducted as well (pre and post), and data utilized to measure success for adequate reporting.

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

Anonymous assessments via SurveyMonkey surveys developed by FON staff under the guidance of a Hawaii educator for those workshops will be conducted pre and post each workshop, and data compiled after each workshop. Information gleaned from those assessments will be utilized to further improve following workshops. Assessment surveys for those workshops will be conducted as well (pre and post), and data utilized to measure success for evaluation and adequate reporting of success. In addition to the surveys, FON will conduct interviews of the educators after they and their students have gone through the program to further evaluate the success, and to find ways of further improving the programs/workshops. Evaluations of the workshops shall be reviewed by the FON Executive Director, FON Board of Directors, the FON Education Committee to see where there are areas for improvement, and will take any negative or positive evaluations into consideration for the future planning of educational programs and workshops. It is also the hope that we might be able to present this data at the upcoming World Aquaculture Society's Aquaculture America 2020 Conference in Honolulu in February of 2020.

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.

For all of the STEAM workshops Friends of NLEHA shall submit aforementioned surveys, interviews, evaluations etc. to the applicable expending state agencies, including the Hawaii Department of Education, Kampachi Farms staff and Blue Ocean Mariculture staff to further the goals of positively impacting education of sustainable aquaculture within the state of Hawaii. Reports will be submitted to the expending state agencies at the conclusion of each semester.

References

Aloha+ Challenge

"Aloha+ Challenge." *Hawaiigreengrowth.org*. N. p., 2018. Web. 15 Jan. 2018.

"Economic Impact, Expenditures Up At NELHA". *West Hawaii Today*. N.p., 2017. Web. 27 Apr. 2017.

Mathematics Standards | Common Core State Standards Initiative

"Mathematics Standards | Common Core State Standards Initiative." *Corestandards.org*. N. p., 2018. Web. 15 Jan. 2018.

HuffPost. (2018). *The Importance of STEAM Learning*. [online] Available at:

https://www.huffingtonpost.com/vidcode/the-importance-of-steam-l_b_9488898.html [Accessed 15 Jan. 2018].

"2016 ACT Scores: 85% of Hawaii Students Not College-Ready > Hawaii Free Press". *Hawaiifreepress.com*. N.p., 2017. Web. 27 Apr. 2017.

"2030 Goals". *Hawaiigreengrowth.org*. N.p., 2017. Web. 27 Apr. 2017.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2018 to June 30, 2019

Applicant: Friends of NELHA

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	87,200	0	10,000	55,000
2. Payroll Taxes & Assessments	15,000			
3. Fringe Benefits				
TOTAL PERSONNEL COST	102,200		10,000	55,000
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island	3,000			
2. Insurance	2,500			
3. Lease/Rental of Equipment	3,000			
4. Lease/Rental of Space	4,800			
5. Staff Training	15,000			
6. Supplies	26,000			
7. Telecommunication	4,500			
8. Utilities	1,000			
9. Transportation	13,000			
10. Cleaning, Trash removal	4,800			
11. Upgrade resvns, trking, reporting	15,000			
12. Public Relations - Marketing	25,000			
13. Legal/Accounting	4,000			
14. Subsitute Teachers (Teacher trng)	2,800			
15. Hawaii DOE Curriculum Consultrni	10,000			
16.				
17.				
18.				
19.				
20.				
TOTAL OTHER CURRENT EXPENSES	134,400			
C. EQUIPMENT PURCHASES				
D. MOTOR VEHICLE PURCHASES				
E. CAPITAL				
TOTAL (A+B+C+D+E)	\$236,600		\$10,000	\$55,000
SOURCES OF FUNDING				
(a) Total State Funds Requested	\$236,600			
(b) Total Federal Funds Requested				
(c) Total County Funds Requested	\$10,000			
(d) Total Private/Other Funds Requested	\$55,000			
TOTAL BUDGET	\$301,600			
		Name (Please type or print) Candee Ellsworth		Phone 808-329-8073
				Date January 18, 2018
		Name and Title (Please type or print) Candee Ellsworth, Executive Director		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2018 to June 30, 2019

Applicant: Friends of NELHA

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
FON - Project coordinator	\$30,000	\$60,000	50.00%	\$ 30,000
Tour Subject Matter Expert - Art Gytaku	\$19,200	\$19,200	100%	\$ 19,200
Tour Subject Matter Expert - Fish Aquaculture	\$5,000	\$5,000	100%	\$ 5,000
Tour Subject Matter Expert - Marine Biologist	\$5,000	\$5,000	100%	\$ 5,000
Tour Subject Matter Expert - NELHA	\$5,000	\$5,000	100%	\$ 5,000
Tour Subject Matter Expert - Ocean Thermal Energy	\$5,000	\$5,000	100%	\$ 5,000
Volunteer Presenter - FON overarching mission/message	\$12,000	\$12,000	100%	\$ 12,000
Greeter - logistics coordinator - Multiple facilities	\$6,000	\$6,000	100%	\$ 6,000
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				\$87,200
JUSTIFICATION/COMMENTS:				

III. Financial (continued)

3. Other Sources of Funding for FY 2019.

Friends of NELHA intends to grow its basic revenue by increasing the base of visitors for our tours. The donations from these visitors provide the majority of FON's current budget revenue. FON also plans to apply for a \$5K Hawai'i County Council non-profit grant, and approximately \$10K in grants from the County Department of Research and Development.

4. State and Federal Tax Credits. FON has not applied for nor been granted State or Federal Tax Credits.

5. List of current grants and contracts – See next page

6. Balance of Unrestricted Assets as of December 31, 2017: \$5,234.26

IV. Experience and Capability

1. Necessary Skills and Experience

Friends of NLEHA (FON) has over 15 years of experience in providing community outreach and education as it relates to NELHA activities and sustainability issues. The FON Board of Directors is made up of 12 dedicated community members with vast experience, background and education (bachelor's and master's degrees) in STEM related fields, oceanography, engineering, science, business, community engagement, board leadership, higher education, and tourism. Our executive director has a bachelor's and master's degree, with over 20 years of conservation work and higher education. We have six different daily volunteers retired from various STEM related fields and other professional occupations such as the Department of Defense, and engineer from the energy sector, an IT engineer, a former patent attorney/chemical engineer, former attorney at law in the medical field and higher education. The Kampachi Farms and Blue Ocean Mariculture staff are highly skilled biologists/scientists (many with advanced degrees) who have worked within the aquaculture industry for decades, and have experience in community outreach and education as well. Bill Twibell, the Gyotaku, fish printing artist has been practicing this art form for over forty years, and has years of experience working as an educator. This is all verifiable upon request.

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Applicant: Friends of NELHA

Contracts Total: \$96,000

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	Develop Museum Quality Exhibits - Modified and Extended to improve programs	1/1/15 - 6/30/17	Research and Development	Haw	\$28,000
2	Promote County of Hawai'i Energy Projects	7/1/15 - 12/21/15	Research and Development	Haw	\$10,000
3	Renewable Energy, Deep Seawater Technologies & Food Security Tours & Promotion Program FY 2015-16	7/1/15 - 12/31/16	Research and Development	Haw	\$15,000
4	FY17 County Council Non-Profit support grant	7/1/16 - 6/30/17	Hawaii County Council	Haw	\$3,000
5	8th Annual Ocean Energy Symposium and Workshop	11/22/16 - 6/30/17	Research and Development	Haw	\$25,000
6	8th Annual Ocean Energy Symposium and Workshop	5/19/17 - 6/30/17	County Council Contingency funds	Haw	\$5,000
7	Tours for Hawai'i Students	10/10/17 - 6/30/18	R&D - Economic Development	Haw	\$10,000
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2. Facilities and their Adequacy for the proposed tasks

Friends of NELHA currently inhabits the Gateway Energy Center facility at NELHA; a 2,280 square foot seminar room that has the capacity for 140 persons, and the 1,260 square foot office, lunchroom and restrooms. The entire space is ADA compliant, cooled through deep seater air-conditioning, easily accessible and there is adequate parking and maneuvering for public transportation. NELHA provides a use permit for a greatly reduced rate. We are seeking funds to pay a more marketable rent to secure our operations in the future.

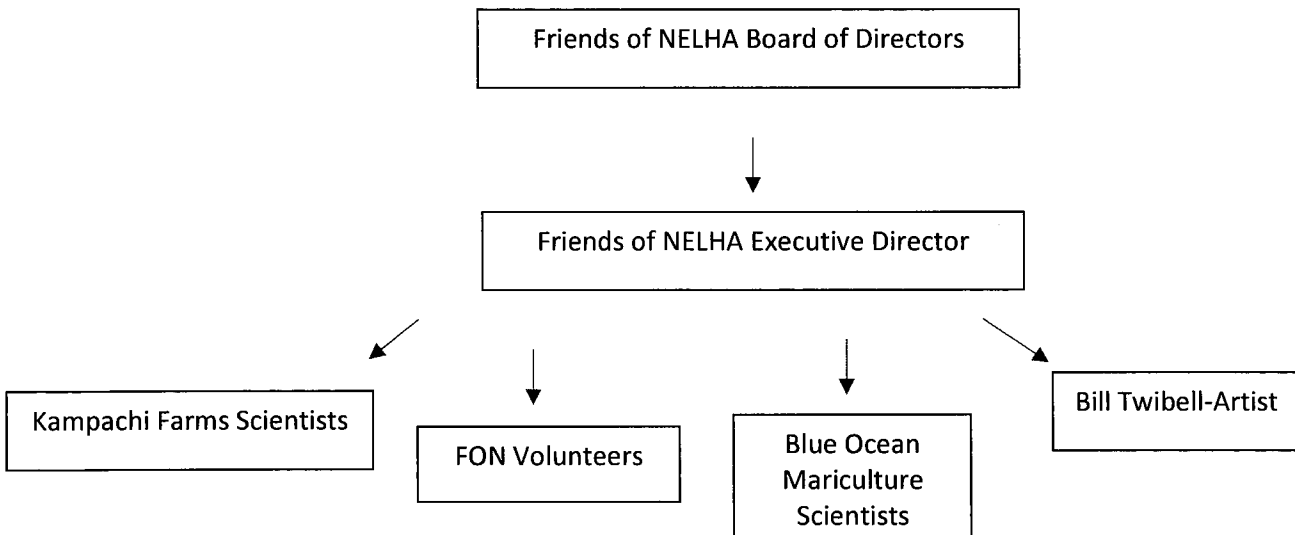
V. Personnel: Project Organization and Staffing

1. Proposed Staffing, Staff Qualifications, Supervision and Training

The proposed staffing pattern shall be as follows:

All leaders for the educational programs shall be overseen by the Executive Director of Friends of NELHA, with oversight from the Friends of NELHA Board of Directors. Educational programs for the students shall be supervised by their teachers/educators, aides and parent volunteers. In addition there will be at least three Friends of NELHA adult staff and volunteers present for each workshop.

2. Organization Chart



3. Compensation

The highest paid positions within the organizations shall be:

Friends of NELHA Executive Director— \$45,000/year

Bill Twibell the local artist/educator-- \$200 per workshop and \$300 for overall preparation time; \$1,900

Friends of NELHA volunteer stipends-- \$1,500

Kampachi Farms staff time-- \$300 per workshop; \$2,400

Blue Ocean Mariculture staff time--\$300 per workshop; \$2,400

VI. Other

1. Litigation

FON is not a party to any current or pending litigation.

2. Licensure or Accreditation

FON and its staff and volunteers have many advanced degrees and substantial cumulative experience in the activities proposed. We know of no licensure required for the proposed activities.

3. Private Educational Institutions

The grant will not be used to support or benefit a sectarian or non-sectarian private educational institution.

4. Future Sustainability Plan

FON intends that the proposed program, once initiated will become the model for related future programs, incorporating related STEAM subjects and activities. We intend to work with the State Department of Education and other educational institutions to develop a self-sustaining model for the perpetuation of these STEAM education workshops.

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

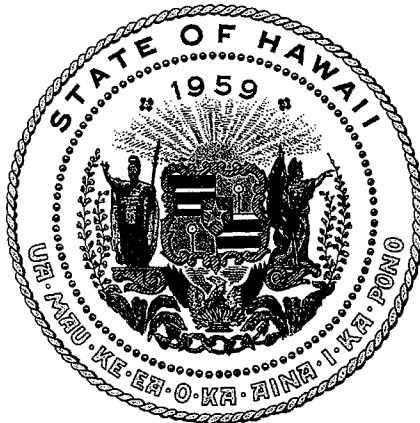
See next page.

6. Declaration Statement

See following Page.

7. Public Purpose

FON specifies that the grant will be used for a public purpose pursuant to Section 42F-102, Hawaii Revised Statutes.



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

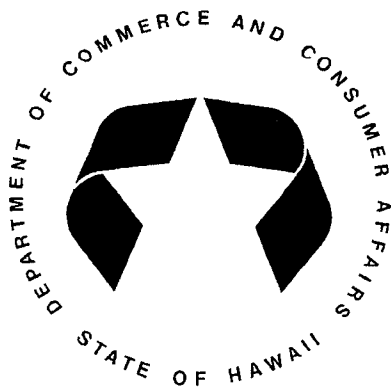
FRIENDS OF NELHA

was incorporated under the laws of Hawaii on 10/17/2001 ; 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 18, 2018

Director of Commerce and Consumer Affairs



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

Friends of NELHA, Inc.

	January 18, 2018
(Signature)	(Date)
Candee Ellsworth	Executive Director
(Typed Name)	(Title)