

House District _____

Senate District _____

THE TWENTY-SEVENTH LEGISLATURE
APPLICATION FOR GRANTS & SUBSIDIES
CHAPTER 42F, HAWAII REVISED STATUTES

Log No: _____

For Legislature's Use Only

Type of Grant or Subsidy Request:

GRANT REQUEST - OPERATING

GRANT REQUEST - CAPITAL

SUBSIDY REQUEST

"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.

"Subsidy" means an award of state funds by the legislature, by an appropriation to a recipient specified in the appropriation, to reduce the costs incurred by the organization or individual in providing a service available to some or all members of the public.

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

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 CHALLENGER CENTER HAWAII, INC.
Dba: _____

Street Address: **900 Fort Street Mall #920**

Mailing Address: **Honolulu, HI 96813**

Same

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name Clint Churchill

Title President

Phone # 808-544-3208

Fax # 808-545-5712

e-mail clintc@campbellestate.com

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION
- FOR PROFIT CORPORATION
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

To fund a portion (26%) of the operational expenses of Challenger Center Hawaii (CCH) for the school year 2013-2014. CCH conducts space flight simulations where students in grades 6-8 solve real-life science, technology and mathematics problems.

4. FEDERAL TAX ID #: _____

5. STATE TAX ID #: _____

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2014: \$ 100,000

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 \$ 130,000 (in-kind)
FEDERAL \$ -0-
COUNTY \$ -0-
PRIVATE/OTHER \$ 155,000

CLINTON R. CHURCHILL, PRESIDENT

NAME & TITLE

1/30/2013

DATE SIGNED

Application for Grants and Subsidies

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. Include the following:

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

Friends of Challenger Center Hawaii (FCCH) is a 501(c) (3) non-profit organization established to provide financial assistance to the DOE's Challenger Center Hawaii (CCH). FCCH was incorporated in June 2011. CCH is an interactive facility at Barbers' Point Elementary School which conducts space flight simulations for students in grades 6-8. CCH has been in operation for almost 20 years.

2. The goals and objectives related to the request;

FCCH is requesting funding for a matching grant to fund a portion of CCH's operational expenses for the 2013-14 school year. The objective is to assure that at least 4,000 students in grades 6 – 8 experience one of two space-mission scenarios where students work in cooperative teams to solve real-life science, technology, and mathematics problems.

3. The public purpose and need to be served;

Research indicates that the United States is losing its worldwide dominance in the critical areas of science and innovation. The National Science Foundation finds that there is a decrease in the number of students enrolling in the undergraduate and graduate studies in engineering, physical sciences and mathematics. Sadly the Hawaii State Assessment (HSA) test data for 2012 revealed that only 31% of students in grade 8 were proficient in science.

Students are organized into one of eight disciplines requiring communication between ground control and a space station or orbiter. In conducting hands-on experiments while facing unforeseen emergencies, students must employ critical thinking skills, step out of social and gender barriers, and gain the self-confidence needed to mature at this important stage in their personal development.

4. Describe the target population to be served; and

The CCH target population is middle schools students and teachers in grades 6 -8.

5. Describe the geographic coverage.

Although CCH is located on the campus of Barbers Point Elementary and operated by the Leeward District, the Center provides services to middle schools state-wide.

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;

FCCH oversees all grant requests for CCH. Upon receipt of funds, FCCH disperses the funds to CCH and insures that the funds are utilized properly. The Center reports to FCCH on the usage and effectiveness of the donations.

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

- **FCCH will disperse the funds to CCH in July of 2013 and January of 2014**
- **CCH utilizes the funds for the 2013-14 school year**
- **CCH prepares a final report to FCCH on the usage and effectiveness of the funds and program in June 2014.**
- **FCCH send final report to the State legislature.**

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

FCCH will request a report from CCH on program accomplishments twice each year at the FCCH Board Meeting. The program's effectiveness is evaluated as follows:

- **Teachers who have participated in Challenger Center's teacher training program bring students to participate in missions throughout the year.**
- **During the mission, Challenger Center staff members evaluate student performance by completing the Hawaii Content and Performance Standards III and the General Learner Outcomes Assessment.**

- **During the mission, teachers evaluate student performance by completing the General Learner Outcomes Teacher Evaluation.**
 - **As a NASA Regional Educator Resource Center, Challenger Center staff members provide supplemental NASA curriculum materials and conduct teacher in-service training.**
 - **Feedback from the students themselves.**
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.
- **More than 4,000 students in grades six through eight will participate in standards-based learning activities in either of the two missions at Challenger Center Hawaii each year.**
 - **Students participating in the standards-based program activities will show increases in science proficiency of 15% or more (CCH staff teacher rating) over the baseline established for proficiency levels through yearly Hawaii State Assessment scores.**
 - **More than 80% of students participating in CCH programs will show positive teacher ratings on the General Learner Outcomes applicable to program activities.**
 - **NASA curriculum resources will be provided to more than 300 teachers in grades K-12 each year to supplement their science curricula.**

III. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.
(SEE ATTACHED)
2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2014.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
-0-	\$100,000	-0-	-0-	\$100,000

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2014.

• In-kind from Complexes	\$ 130,000
• GIA Match from FCCH (Private sector fundraising)	100,000
• Program Fees	<u>55,000</u>
Total	\$ 285,000

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

- **Federal and State Tax Credits: None**
- **Tax Credits applied for or anticipated: None**

IV. Experience and Capability

A. 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.

The FCCH Board is comprised of 13 education, business, government, and community leaders, including a former Governor. Officers include a former Superintendent of the Hawaii Department of Education, a Trustee of the Estate of James Campbell, and a former Deputy Superintendent of the Hawaii Department of Education. The group is knowledgeable about applying for and receiving grant monies and is dedicated to supporting Challenger Center Hawaii with its emphasis on teaching science, technology, engineering and mathematics (STEM) in an environment that promotes problem-solving and teamwork.

See Section V.A for qualifications of CCH service providers.

B. 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 applicant shall also describe how the facilities meet ADA requirements, as applicable.

CCH opened its doors in April 1993 with the adaptive re-use of three former classrooms at Barbers' Point Elementary School. The Center's facility houses a realistic space station with many of the same elements found on an actual spacecraft and a mission control room modeled after NASA's Johnson Space Center. In the SS, "astronauts" gather data, conduct experiments, and guide the SS to its destination. Mission controllers monitor the work of the SS crewmembers, record and analyze data, and ensure all conditions are safe. ADA accommodations are made for students on a case-by-case basis when necessary. The facility has functioned for almost 20 years without security, ADA, or related concerns.

V. Personnel: Project Organization and Staffing

A. 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.

CCH missions are multi-faceted exercises in critical thinking and teamwork. Qualified teachers from the Department of Education are necessary to stimulate practical use of logic, promote independent critical thinking, and encourage self-monitoring in students.

CCH's Executive Director has 26 years of teaching experience with the DOE Hawaii and 21 years as CCH founding teacher and director. The two full-time teachers bring over 52 years with DOE Hawaii in Science Elementary Education, and each has 10 years as a teacher in the CCH program. Two part-time teachers provide the Center with over 60 years with the DOE Hawaii in Elementary and Special Education. They have 8 years and 19 years experience respectively as teachers/educational assistants at CCH.

B. 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 organizational chart that illustrates the placement of this request.

CCH is a relatively small program with the following positions:

- **Executive Director (also staffs missions)**
- **Two full-time teachers/Mission Specialists**
- **Two part-time teacher/Mission Specialists**

VI. Other

A. 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.

None

B. Licensure or Accreditation

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

CCH is licensed and accredited by the national Challenger Center for Space Education.

BUDGET REQUEST BY SOURCE OF FUNDS
(Period: July 1, 2013 to June 30, 2014)

Applicant : Friends of Challenger Center Hawaii

BUDGET CATEGORIES	Total Budget (a)	State Funds Requested (b)	(c)	(d)
A. PERSONNEL COST				
1. Salaries	239,000			
2. Payroll Taxes & Assessments	35,800			
3. Fringe Benefits	55,000			
TOTAL PERSONNEL COST	329,800			
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island/Out-of-State	6,000			
2. Insurance	725			
3. Lease/Rental of Equipment	3,360			
4. Lease/Rental of Space	0			
5. Staff Training	11,000			
6. Supplies	5,000			
7. Telecommunication	1,700			
8. Utilities	0			
9. License Fee to Challenger Center forSpace Science Ed	12,100			
10. Alarm Fee	1,280			
11 Computer equipment/R & M	10,500			
12 Miscellaneous Expenses	3,535			
13				
14				
15				
16				
17				
18				
19				
20				
TOTAL OTHER CURRENT EXPENSES	55,200			
C. EQUIPMENT PURCHASES				
D. MOTOR VEHICLE PURCHASES				
E. CAPITAL				
TOTAL (A+B+C+D+E)	385,000	100,000		
SOURCES OF FUNDING		Budget Prepared By:		
(a) State Funds Requested -- GIA	100,000	LIANE KIM	808-673-7410	
(b) In-kind from Complexes	130,000		Phone	
(c) FCCH Match of GIA	100,000		1/20/13	
(d) Program Fees	55,000		Date	
TOTAL BUDGET	385,000	Executive Director Name and Title (Please type or print)		

BUDGET JUSTIFICATION PERSONNEL - SALARIES AND WAGES

Applicant: Friends of Challenger Center Hawaii

Period: July 1, 2013 to June 30, 2014

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL SALARIES (A x B)
Executive Director/Full-time Teacher #1	1	\$68,722.00	100.00%	\$ 68,722.00
Full-time Teacher #2	1	\$68,722.00	100.00%	\$ 68,722.00
Full-time Teacher #3	1	\$68,722.00	100.00%	\$ 68,722.00
Part-time Teacher #1	0.25	\$16,438.00	100.00%	\$ 16,417.00
Part-time Teacher #2	0.25	\$16,438.00	100.00%	\$ 16,417.00
Subtotal				\$ 239,000.00
To be funded by GIA				\$ 100,000.00
TOTAL:				
JUSTIFICATION/COMMENTS:				

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

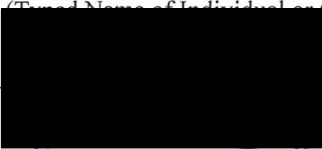
The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants and subsidies pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant or subsidy 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 or subsidy 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 or subsidy.
- 2) The applicant meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant or subsidy 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, Hawai'i Revised Statutes:
 - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
 - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

Pursuant to Section 42F-103, Hawai'i Revised Statutes, for grants or subsidies used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant or subsidy 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 or subsidy 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 Challenger Center
(Typed Name of Individual or Organization)


(Date) 1/30/13

STANLEY T. SEKI
(Typed Name) *Secretary*
(Title)