House Districts) 50. 51	NINTH LEGISLATURE ON FOR GRANTS	Log No:
Senate District(s) 24, 25 CHAPTER 42F, HA	WAII REVISED STATUTES	For Legislature's Use Only
Type of Grant Request:		For Legislature & Use Only
GRANT REQUEST - OPERATING	GRANT REQUES	ST - CAPITAL
"Grant" means an award of state funds by the legislature, activities of the recipient and permit the community to bene "Recipient" means any organization or person receiving a	efit from those activities.	iplent, to support the
STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK)	IF UNKNOWN):	
STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN):		
APPLICANT INFORMATION: Legal Name of Requesting Organization or Individual: Oahu Resource Conservation & Development Council	2. CONTACT PERSON FOR MATTERS INVOLV Name LINDSEY WHITCOMB Title Site Leader	ING THIS APPLICATION:
Dba:	Phone # 808-265-1959	
Street Address: 92-1770 Kunia Road; Kunia HI 96759	Fax # <u>n/a</u>	
Mailing Address: PO Box 209; Kunia HI 96759	E-mail alohawhitcomb@icloud.com	n
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 REQ WINDWARD ZERO WASTE SCHOOL (FISCALLY SPONSORED PROJECT OF CONSERVATION AND DEVELOPME	OL HUI F OAHU RESOURCE
4. FEDERAL TAX ID #:	7. AMOUNT OF STATE FUNDS REQUESTED: FISCAL YEAR 2019: \$ 114,000	
EXISTING SERVICE (PRESENTLY IN OPERATION) AT FE CO	PECIFY THE AMOUNT BY SOURCES OF FUI T THE TIME OF THIS REQUEST: TATE \$	NDS AVAILABLE
TYPE NAME & TITLE OF MUTHORUSET RECORDS AND STEPHANIE V	VHULEN, TREASURER	JAN 17, 2018 DATE BOXED

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

The undersigned authorized representative of the applicant certifies the following:

- The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant is awarded;
 - 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.
- If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawai'i Revised Statutes:
 - a) Is incorporated under the laws of the State; and
 - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.
- 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
 - 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 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.

Oahu Resource Conservation and (Typed Name of Individual or Organization)	d Development Council
	January 17, 2018
(Signature)	(Date)
Stephanie Whalen	Treasurer
(Typed Name)	(Title)

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;

Windward Zero Waste Schools Hui is a partnership of Windward Oahu schools working cooperatively in the pursuit of waste reduction, soil restoration, and applied environmental education. All members participate annually in the U.S. EPA's Food Recovery Challenge and adhere to strict, safe, standardized operational procedures (known as our Ka'ohao Protocol). Ka'ohao Public Charter School, formerly Lanikai Elementary, was our our first waste reduction school site, with waste reduction policies and composting and vermicompost procedures initiated in January 2014. Ka'elepulu Elementary followed in August 2016, and Kamalu Elementary in January 2017. Ka'ohao (as Lanikai Elementary) was named #1 in the nation in the EPA Food Recovery Challenge for 2014-15. Data collected from the 2017 calendar year (which covers portions of 2 separate school years) show that food waste recovery of the three Windward Zero Waste School Hui campuses topped out at 63,490 pounds, or 31.75 tons.

2. The goals and objectives related to the request;

Zero Waste Schools Hui is requesting operational funds in order to maintain our current level of operations at our three ZWS sites, as well as support necessary to grow the operations to systematically incorporate other interested schools in our area. As new apprentices gain skills, new worksites/campus are opened. Each new school that becomes a member of the Windward Zero Waste School Hui diverts many tons of noxious organic waste from the waste stream, creates innumerable cubic yards of soil rich in nutrients that retains moisture, mitigates erosion, increases biodiversity, sequesters carbon, grows great gardens, restores tawns, and teaches kids a lot about earth science. Schools make money selling their surplus

Rev 11/21/17 Application for Grants

compost. Plastic bag use is greatly reduced, dumpster volume is slashed, and dumpster stink – along with the flies, roaches, rats, and other pests attracted to stink – are noticeably fewer. Instead of being horrific trash factories. Windward schools lead the way in admirable sustainable practices that transfer into homes and neighborhoods.

The public purpose and need to be served;

Windward Zero Waste Hui schools collect cafeteria food waste and processes onsite to create rich organic soil amendments available to the public. The "wet" food waste is diverted from Oahu's solid waste stream; students participate and are exposed to the importance of waste reduction & management of commodities, as well as the biosystems involved in the various processes of controlled decomposition of food matter; the soil amendments produced boast the aighest quality on the islands & excess (beyond that used on-site and in school gardens) can be sold to the public for residential use or agricultural applications.

Schools become cleaner and greener. Dumpster waste is cut by 85%. Dusty campuses are restored to vitality. Steady sales create a reliable revenue stream. Students participate daily in food waste collection and take responsibility at their schools to help with operations such as compost harvesting and screening. By altering campus waste management, conservation and environmental values are practiced and reinforced. Teachers are presented with unlimited opportunity to introduce lessons in science, ecology, decomposition, plant growth, etc.

Given the 2017 ZWS Hui data mentioned above, conservatively – since the schools in the sample are relatively small – we can extrapolate that if all of Oahu's 118 public elementary schools adopted the Ka'ohao Protocol, annual dumpster diversion would be 7,491,820 pounds – 3,746 tons. Over 8,990 cubic yards of rich compost would be produced as well as 236 green jobs created by hiring Resource Recovery Specialists/Apprentices to implement and manage the program.

Describe the target population to be served; and

Elementary Schools located in the Kailua-Kalaheo complex of the Windward Oahu public schools

5. Describe the geographic coverage.

Windward Oahu

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:

Describe the scope of work, tasks and responsibilities;
 Composting is controlled decomposition, the natural breakdown process of organic matter.

Food Collection: Separation stations are set up at breakfast and lunch and make it easy to sort food and milk from other rubbish. At our current 3 schools, 5th or 6th graders run the stations. They help other students, stack the trays, and keep things moving. They also weigh all the buckets and record the data into a notebook.

Hot Compost:

After lunch the buckets are transported to the composting area. Hot compost piles are constructed with a base of mulch & large sticks on the bottom to promote aeration and drainage. Food waste is layered on the pile, alternating with tree mulch. Deep pukas, called chimneys, get air all the way to the bottom of the pile to maintain an aerobic environment. Tarps are used to keep the moisture in and bricks serve to hold the tarps in place and to identify piles for data recording purposes. The moist, airy environment inside the pile attracts special bacteria that create heat up to 160°. Fungi and bugs come in later to further break down the decaying organic matter. Six or seven months after the last food layer has been added to the pile, the finished compost can be harvested and used in our garden to enrich the soil or sold to the public to fund garden club activities; whatever the school chooses to utilize the funds for. Students assist in harvests that take place during the school year.

Vermicompost:

One pound of worms can eat their weight a day in fruits, veggies and grains. They will also process paper and cardboard waste. With loving care from students, over time worms create vermicast (worm poop) also know as Gardener's Gold, considered to be the best fertilizer on earth.

Vermicompost worms are housed in our trademark Pipeline Worm Bins, prepped with shredded paper and cardboard recovered from school waste. They are fed a diet of meat-free, dairy-free food waste once weekly & covered with more shredded paper and a breathable shade blanket. Worms are watered daily & bins are harvested twice yearly. Students of all ages participate in the vermicast harvest, with younger grades performing "Search & Rescue operations" to save worm eggs that have not had a chance to hatch & migrate to the feeding section of the worm bin.

Bonus: Happy worms reproduce and become fundraisers for our schools. One pound of worms sells for \$100. Depending on the size of the Pipeline Worm Bin, worm colonies can be culled at least once yearly to sell surplus worms at this price.

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

Food waste collection begins immediately upon initiation to the Hui. Collection from daily breakfast and lunch services is processed into hot compost piles or worm bins on the day it is collected (or stored appropriately in refrigeration units if available). Thus, a reduction in the solid waste stream begins immediately.

Hot compost piles are harvested after at least 6 months of "processing" by fungi, bacteria & arthropods, without new food being added. The amount of time a compost pile is being actively built upon with mulch and food waste is reliant on the variables individual to each school; factors such as student population size & proportion of participation in the school lunch program affect how much food waste is created & therefore, how long each pile will take to build. Hot compost piles can accommodate approximately 1000lb of food waste each.

Worm bins operate on a similar timeline; worms are fed for 6 months on a single side of the lateral flow worm bin. At that time, feeding is switched to the other side of the pipeline bin and worms begin to migrate over to the new food, while

continuing to eat & process the food remains on their way. Fungus, bacteria and a few leftover worms continue to process the food for another 6 months until the vermicast is ready to be harvested. By this time, all that remains on the unfed side is "Gardener's Gold" (vermicast) and a few worm eggs that were left behind & hoping to be "rescued" by diligent keiki.

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

Rigorous adherence to the Ka'ohao Protocol ensures pathogen-free management of food waste. Guidelines of the protocol include, but are not limited to, prompt daily management of all food waste collected, daily disinfecting of food storage receptacles, and routine temperature monitoring of hot compost piles.

The extensive and detailed data our workforce collects and compiles daily will become valuable information in calculating the cost of current waste practices vs. Resource Recovery. This information will serve as hard evidence when drafting bills, testifying at the legislature, making any argument in favor of institutionalizing this program, or re-negotiating contracts that may save the DOE (i.e., taxpayers) money. Hot compost piles are harvested after at least 6 months of "processing" by fungi, bacteria & arthropods.

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

The State expending agency will have access to any and all data collected as partof our daily routine under the Ka'ohao protocol, to include daily food weight collected, temperatures of hot compost piles, scheduled harvests of individual compost piles & worm bins, yield of compost & vermicast. Additionally available for submission include approximate cost avoidance of waste recovered, projected solid waste removed from dumpster volume/solid waste stream.

III. Financial

Budget

- 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)

Sec Attached

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

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
28,500	28,500	28,500	28,500	114,000

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

None

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.

NA

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.

NA

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

\$140,991

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.

Project Lead is Mindy Jaffe, who has been providing biological waste management programs in Oahu schools since 2005 and is considered Oahu's leading authority on vermiculture and thermal composting. The Pearl City High School Resource Recovery Program (2013-2014), a 40-ton operation, won the U.S. Environmental Protection Agency's Food Waste Reduction Challenge award for the category Schools K-12. Mindy designed, implemented, and managed the Zero Waste Revolution for Lanikai Elementary Public Charter School from 2014 to 2016, earning a second national award for the 2014-2015 school year.

With the addition of two apprentices last year to tackle growth beyond Lanikai, the project was reorganized as the Windward Zero Waste School Hui to include Ka'elepulu Elementary and Kainalu Elementary who requested and received our services. From Day One, both campuses were able to divert 100% of their food waste from the dumpster and begin the process of transformation. Satisfaction is immediate, results are measurable, and demand is high.

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.

There is no need to acquire facilities for this program; sites used are DOE public schools that have sought services from the ZWH in attempts to model

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There is no need to acquire facilities for this program; sites used are DOE public schools that have sought services from the ZWH in attempts to model

sustainability practices to students and the community and, often, in cooperation with ongoing school garden programs embedded in school curriculum.

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.

Zero Waste Schools Hui, operating as a project under Oahu Resource Conservation & Development Council, employs 2 workers and oversees 3-5 volunteers. All workers & volunteers are directly overseen by Project Leader Mindy Jaffe or ZWS employee Jordan Nelson (who has completed a 1-year internship under Mindy via Kupu) until thorough understanding of Ka'ohao Protocol procedures are demonstrated & the individual is able to indicate comprehension of associated technologies utilized.

Additionally, ZWS recently was awarded a grant under Castle Foundation to help expand our work force by offering one-year apprenticeships & we are working with University of Hawaii to develop a program to certify workers as extensively trained in the Ka'ohao Protocol, the rigorous procedural guidelines utilized by ZWS to ensure pathogen-free endproduct. Individuals undergoing certification will gain extensive knowledge of and experience in the exacting waste management operational standards of the Ka'ohao Protocol, and will be qualified to meet a growing demand for these services as Resource Recovery Specialists. The establishment of a formal certification program will provide assurance to the DOE, principals, teachers, and parents that the program is safe and effective under the management of skilled, certified practitioners.

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.

Oahu Resource Conservation & Development Council- serves as umbrella organization; provides accounting services consulting.

Mindy Jaffe, Project Lead- Trains & oversees volunteers & apprentices, founding member of Zero Waste organization. Manages & executes on-site operations daily & organizes community harvests, worm & compost sales

Jordan Nelson, Trainer- Trains & oversees volunteers & apprentices. Manages & executes on-site operations daily

Volunteers, Apprentices- assist in management of daily operations

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.

Project Lead: \$18,000

Trainer: \$30,000

Apprentice: \$13,000

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.

NA

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.

NA

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

NA

4. Future Sustainability Plan

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

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

For the short term, we are planning to launch an on-line crowd funding campaign. Government-sponsored school waste reduction programs appear to be "trending" throughout the mainland, so for the long term, we anticipate the DOE will eventually adopt Resource Recovery, institutionalizing residential "Sustainability Coordinators" within their system. Perhaps we will find a funded home as part of the Farm-to-School initiative under the State Department of Agriculture.

We are fortunate to have strong legislative support from Rep. Cynthia and Sen. Laura Thielen, as well as committee chairs Sen. Mike Gabbard and Rep. Chris Lee. Legislative action takes repeated attempts- in the 2017 legislative session. Windward Zero Waste School Hui initiated and testified on HB 1577 which set up a fund for schools to apply for our services. The bill received unanimous and enthusiastic support in all committees in both House and Senate but was not scheduled for a hearing in WAM. A GIA would help sustain us & allow us to continue to grow our base of schools while we continue to push for state legislation to fund resource recovery in public schools.

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. (<u>Link</u>)

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2018 to June 30, 2019

Apr Windward Zero Waste Schools Hul

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)		Total Private/Othe Funds Requested (d)
A. PERSONNEL COST 1. Salaries	114,000	0	0	30,000
2. Payroll Taxes & Assessments	0	0	0	0
3. Fringe Benefits	0	0	0	
TOTAL PERSONNEL COST	114,000	0	0	30,000
OTHER CURRENT EXPENSES Airfare, Inter-Island	0	0	0	0
2. Insurance	0	0	0	
3. Lease/Rental of Equipment	0	0	0	0
4. Lease/Rental of Space	0	0	0	
5. Staff Training	0	0	0	
6. Supplies	0	0	0	
7. Telecommunication	0	0	0	
8. Utilities	0	0	0	
9		-		
11				
12				
13				
15				
16				
17			-	-
19		1		
20				
TOTAL OTHER CURRENT EXPENSES	0	0	0	
C. EQUIPMENT PURCHASES	0	0	0	
D. MOTOR VEHICLE PURCHASES	0	.0	0	
E. CAPITAL	0	0	0	0
TOTAL (A+B+C+D+E)	114,000	0	0	30,000
SOURCES OF FUNDING (a) Total State Funds Requeste	114,000	Budget Prepare	d By:	808 265 1959
(b) Total Federal Funds Reques	0	100	1	Phone
(c) Total County Funds Reques	0			1/17/2019
(d) Total Private/Other Funds Requests	30,000	Signature of Authoriz	ted Official	Date
TOTAL BUDGET	144,000	Lindsey Whitcomb Name and Title (Plea		

Applicant:	Windward	Zero	Waste	Schools	Hui
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POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B		TOTAL STATE FUNDS REQUESTED (A x B)
Project Lead	1	\$40,000.00	100.00%	\$	40,000.00
Trainer	1	\$35,000.00	100.00%	\$	35,000.00
Apprentice 1	1	\$13,000.00	100.00%	\$	13,000.00
Apprentice 2	1	\$13,000.00	100.00%	\$	13,000.00
Apprentice 3	1	\$13,000.00	100.00%	\$	13,000.00
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TOTAL:	_ ? <	>?<	>?<		114,000.0

WINDWARD ZERD WASTE H	UI

TOTAL:

JUSTIFICATION/COMMENTS:

NA

	DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL	TOTAL BUDGETED
NA				\$ -	
				\$ -	
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NO. OF

ITEMS

COST PER

ITEM

TOTAL

COST

\$ \$ \$

\$

TOTAL

BUDGETED

Period: July 1, 2018 to June 30, 2019

Applicant: Windward Zero Was	ste Schools Hui
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TOTAL PROJECT COST		ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		OTHER SOURCES FUNDS	FUNDING RI SUCCEEDI	
	FY: 2016-2017	FY: 2017-2018	FY:2018-2019	FY:2018-2019	FY:2019-2020	FY:2020-2021
PLANS	0	0	0	0	0	0
LAND ACQUISITION	q	0	0	0	0	0
DESIGN	0	0	0	0	0	0
CONSTRUCTION	0	0	0	0	0	0
EQUIPMENT	0	0	0	0	0	0
TOTAL:	0	0	0	0	0	0

JUSTIFICATION/COMMENTS:

bulk of costs of project are essentially ¬ersonnel costs;

participating schools are responsible for obtaining initial startup costs/minimal equipment procurement

project requires no land acquisition

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Ap Windward Zero Waste Hui

Contracts Total:

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMEN T ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT
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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

O'AHU RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL

was incorporated under the laws of Hawaii on 11/24/1997; 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 15, 2018

Catamir awal Colon

Director of Commerce and Consumer Affairs

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Ap Windward Zero Waste Hui Contracts Total: 90,000

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMEN T ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	train & build workforce; develop training program	2018-20	Castle Foundation		75,000
2	matching 1/3 to Castle Foundation grant		Ulupono Initiative		15,000
3		######################################			
4		***************************************			***************************************
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