

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

Type of Grant Request:

Operating Capital

Legal Name of Requesting Organization or Individual: **Big Island Resource Conservation and Development Council (Fiscal Sponsor for Big Island Invasive Species Committee - BIISC)** Dba: **Big Island Resource Conservation and Development Council**

Amount of State Funds Requested: \$ 213,038

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

Funding to continue hazard mitigation of invasive, dangerous albizia trees (*Falcataria moluccana*) along a major corridor in Puna district, Big Island of Hawaii. This project would launch the second phase of the Kahakai Boulevard mitigation, a high-priority target as identified by the Hawaii County Albizia Mitigation Plan (2015).

Amount of Other Funds Available:

State: \$ 84,258
Federal: \$ _____
County: \$ _____
Private/Other: \$ _____

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

\$ 3,676,332

Unrestricted Assets:

\$ _____

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

Type of Business Entity:

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

Mailing Address:

200 Kanoiehua Ave. PMB 285

City: **Hilo**

State: **HI**

Zip: **96720**

Contact Person for Matters Involving this Application

Name: **Brandi Milare**

Title: **Program Manager**

Email: **bircd1@gmail.com**

Phone: **808-217-7234**

Federal Tax ID#: **██████████**

State Tax ID# **██████████**



Authorized Signature

Larry M. Komata, President

Name and Title

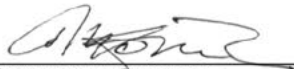
01/19/2023

Date Signed

Application Submittal Checklist

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

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



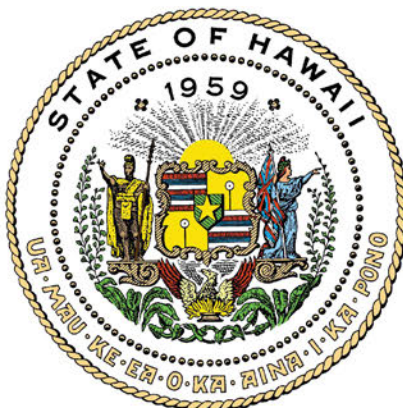
AUTHORIZED SIGNATURE

LARRY M. KOMATA, PRESIDENT

PRINT NAME AND TITLE

01/19/2023

DATE



Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

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

BIG ISLAND RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL

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



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

Dated: January 19, 2023

Director of Commerce and Consumer Affairs



STATE OF HAWAII
STATE PROCUREMENT OFFICE

CERTIFICATE OF VENDOR COMPLIANCE

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

Vendor Name: BIG ISLAND RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL

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

Issue Date: 01/19/2023

Status: **Compliant**

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

Status of Compliance for this Vendor on issue date:

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

Status Legend:

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

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

The undersigned authorized representative of the applicant certifies the following:


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

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

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

Big Island Resource Conservation and Development Council

(Typed Name of Individual or Organization)



(Signature)

01/19/2023

(Date)

Larry M. Komata

(Typed Name)

President

(Title)

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

DEPARTMENT OF THE TREASURY

Date: MAY 10 1994

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

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

Dear Applicant:

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

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

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

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

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

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

Sincerely yours,



Richard R. Orosco
District Director

Letter 1050 (DO/CG)

Application for Grants

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

I. Certification – Please attach immediately after cover page

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

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

Please see attached.

2. Declaration Statement

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

Please see attached (“Page 5”).

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](#).

This grant shall be used to serve a public purpose in securing the safety of publicly owned roads in the county of Hawaii through the removal of a hazardous invasive species, pursuant to Section 42F-102.

II. Background and Summary

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

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

The Big Island Invasive Species Committee (BIISC) has worked since 1996 to address high-risk, newly arrived invasive species threats to Hawaii's environment, economy, and way of life, before they become costly, widespread problems. Since 2013, our project has also focused on community engagement, training, and support to manage widespread, established invasive species, like little fire ants and albizia, which cause significant and direct harm to the residents of the island of Hawaii.

BIISC is a research project of the Pacific Cooperative Studies Unit of the University of Hawaii. For this project, BIISC is sponsored by the Big Island Resource Conservation and Development Council (BIRCDC), a 501(c)3 non-profit. The RC&D program originated with the NRCS in the 1960's to address rural poverty and help rural communities generate sustainable natural resource-based economies. BIRCDC continues to serve Hawaii in this tradition.

2. The goals and objectives related to the request;

This project will remove hazardous albizia and create an albizia-free buffer zone along high-priority public roads and infrastructure corridors to protect lives and homes, reduce long-term maintenance costs, prevent power failures and road closures, and increase community resilience to natural disasters.

Funds are requested to implement Phase 2 of the Kahakai Albizia Removal Project, one of 18 projects prioritized in the Hawaii Albizia Emergency Mitigation Plan (2015). If funded, this will be a big step toward completing the 13th, and one of the largest, of the eighteen projects in the plan. These projects are consistent with the recommendations of the statewide Albizia Strategic Plan passed by the Hawaii Invasive Species Council in 2018. This roadway was selected as a top priority by the Hawaii County Department of Public Works, Highways Division in 2015 and reaffirmed in 2018.

The cost projections for each project in the mitigation plan allowed for five phases of initial clearing, and follow up monitoring and remediation, to address any regeneration of albizia in the project sites. Accordingly, a portion of the budget is requested to revisit and address regrowth in the prior project sites, before they become costly hazards again.

Project History: After the albizia damage caused by Tropical Storm Iselle, the Albizia Task Force produced a multi-agency hazard mitigation plan to deal with the invasive albizia, which caused the lengthy power outages and road obstructions along priority public highways, major roads, and powerlines.

Eighteen priority projects were selected as priority hazard mitigation sites by HELCO, the Hawaii Department of Transportation, and Hawaii County Department of Public Works. Objectives include the treatment of hazardous and non-hazardous albizia encountered within 100 meters of State and County highways and electrical transmission lines to create safe transportation and energy corridors. Each route was mapped, assessed for cost, and prioritized in the five-year plan.

To date, 12 of the 18 projects have been completed or very nearly so. Each effort has been completed within budget, but we have exceeded the time frame in which we had hoped to complete all 18 projects, due only to lack of funds. Phase 1 of Kahakai Blvd and of Maku`u Street were successfully

completed using Grants in Aid in 2018 and 2021, respectively. The final stage of Puainako Extension was completed in 2021 using DOT and HISC funding.

3. The public purpose and need to be served;

Kahakai Blvd. is the main access route (of only two) for more than 6,000 residents in lower Puna. After the eruption in 2018, it was until recently the only egress route for additionally hundreds more living along the coastline after the second route was cut off by lava flows – a possibility that could emerge again on this active volcano. During the 2018 eruption and for years after, fears were high that a hit from another storm like Iselle would once again fell hundreds of trees and cut off emergency access and egress for these coastal communities entirely.

Damage resulting from Tropical Storm Iselle was catastrophic in albizia-infested neighborhoods--far beyond what is expected from similar-sized storms where albizia is not a factor. Even before Iselle, disruption of electrical service and tree falls across highways had been associated with every windstorm to surpass 35 mph in East Hawaii. Costly overtime work by HELCO, HDOT, and County response crews, loss of power, communications, and water service to residences and businesses, and lengthy commuter and Emergency Services delays were the norm. Residents in Hawaiian Beaches report being fearful to allow their children to play outside on windy days, due to the constant threat of branches that smash into the streets below.

This work focuses on the highest-volume public routes and infrastructure, and has, and will continue to, significantly reduce the frequency and duration of power/utility outages and road blockages, and public overtime costs, caused by fallen albizia.

4. Describe the target population to be served; and

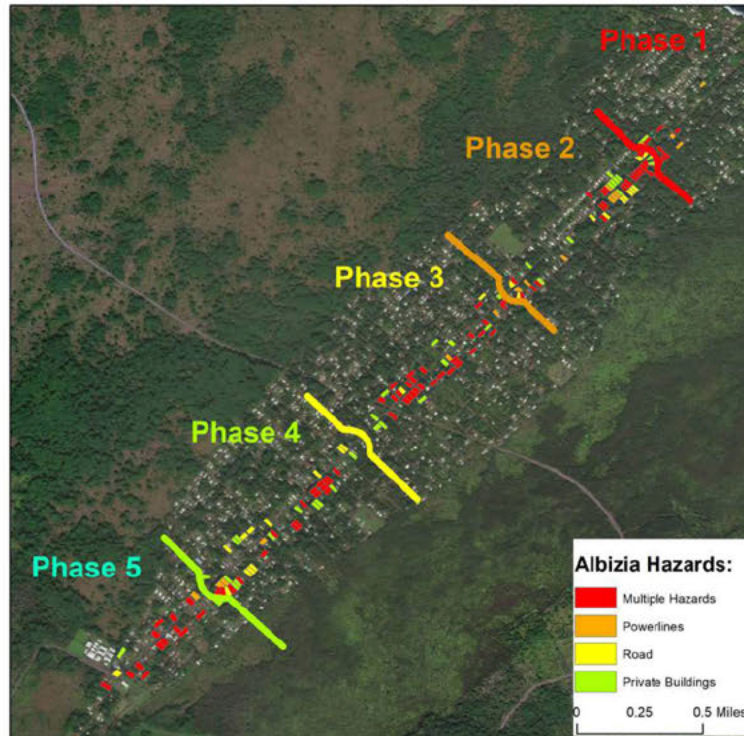
The Hazard Mitigation Plan serves all residents, businesses, and visitors on Hawaii Island by preserving infrastructure and reducing long-term maintenance costs to tax and rate payers. This proposed project for FY24 will most directly serve residents of Hawaiian Beaches/Hawaii Shores, where average income was \$28,963 and declining, during the recent census. 18.8% of the population and 20% of minors live below the poverty level. This neighborhood was not directly impacted by the lava flow and all roads and homes are currently intact. Keonepoko Elementary School is at one end of this road and serves as the emergency shelter for the area, however, large patches of albizia stand between Keonepoko and most houses, putting access to the shelter at risk.

5. Describe the geographic coverage.

The proposed FY24 project is in the Puna District of the island of Hawai'i. Kahakai Blvd runs six miles north from Hawaii 130 to the ocean. Phase 1, along

with a section of Phase 2, was completed in 2021, at a cost of \$300,000. This is the northernmost, makai section of the road, where the largest and most dense stands of trees were found. Requested funds will complete Phase 2 of the project, completing hazard mitigation along the Puni Makai Loop.

Hawaiian Beaches/ Hawaiian Shores Parcels with Albizia



Map created: 3/3/2020 from data collected Jan & Feb 2020 KMG

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 objective is to remove all hazardous and non-hazardous albizia growing within 100 m of the subject roads. BIISC staff will secure private property access permission, contract the proposed hazard removal work to

licensed, certified arborists, and carry out the safe and cost-effective chemical treatment of the remaining non-hazardous trees to create a safety buffer in accordance with the planning document. Signs are posted in treated areas to alert residents not to enter the stand until it has decayed.

Hawaii County has proven itself a valuable partner by taking up the authority granted by the Legislature under HRS § 194-5 (2017); to enforce the removal of invasive species from private property. Twenty-seven absentee landowners were served notice of entry by the County under the last two projects funded by this Grant-in-Aid program, so that BIISC could complete the albizia control along Maku`u Drive and Kahakai Blvd, removing albizia from 143 properties in all.

To extend the value of the project, BIISC will continue our Albizia Assassins program, holding semi-monthly community training sessions to encourage private landowners to identify and safely address albizia before they become hazards to neighbors and public infrastructure. This project was on hiatus during much of COVID, and is important in deterring the irresponsible or ineffective treatments sometimes attempted by frustrated residents. This program was launched in 2014 using Hawaii County funds and is currently funded by the Hawaii Invasive Species Council (state funds).

2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;
 - FY24 Quarter 1: Receive notification of award. BIISC begins process to secure private property access permissions.
 - FY24 Quarter 2: Complete all paperwork to secure the grant funds (Sept-Dec 2023).
 - FY24 Quarter 3 (Jan-March 2024): Funds are released. Arborists to initiate and complete hazard tree removal work before the summer Hawaiian Hawk and Hawaiian Bat nesting season. BIISC work begins immediately after the work of the arborists finish each property.
 - FY24 Quarter 4 through FY25 Quarter 2 (March 2024 through Dec 2024): BIISC herbicide control work continues and is completed.

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

Island-wide albizia maps were created in 2015 using satellite imagery, followed by roadside surveys by experienced botanists and detailed cost assessments by certified arborists licensed in the state. This provided a comprehensive foundation by which to prioritize roads and powerlines for hazardous albizia control. State and County agency staff have reviewed and confirmed the priority projects described in this grant.

The tree-trimming work for each project is planned out during on-site walk throughs with the contracted arborists, and specifications are documented in writing to ensure that there is no miscommunication about the extent of the tree removal needed to remove all hazards without incurring unnecessary costs. Throughout the project, the BIISC project coordinator will be on site regularly to ensure that the work is done to specifications.

The chemical treatment method developed by the University of Hawaii (CTAHR) was field tested extensively by BIISC and the USDA Forest Service prior to use in inhabited areas and is nearly 100% effective when applied by trained staff. The herbicide used (Milestone™ by DowAgro) is a next-generation, reduced risk herbicide, applied by incision point injection directly into the tissue of each albizia, so there is no spray or drift onto non-target plants.

One quality control issue on each albizia project is completeness, i.e. whether any trees were missed or incompletely treated. This is monitored by regular site visits conducted by the field supervisor in the three months following the treatment. Trees that were skipped or under-treated are readily apparent within 4 weeks and can safely be re-treated.

Annual surveys have been repeated to assess progress of control efforts and the spread of new albizia populations. Follow up surveys of the 12 completed projects have demonstrated very low rates of regeneration of albizia in well-vegetated sites (most areas) with more significant follow-up maintenance needed along cliffs, graveled roadsides (i.e. Puainako Extension), and highly disturbed sites.

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.
- Number of properties directly cleared/protected from albizia (Objective: 80)
 - Number of hazardous trees (posing immediate threat to infrastructure) removed (Objective: 17)
 - Number of trees treated (hazardous + non-hazardous) (Objective: 130)
 - Number of lots accessed using County authority (Objective: 100% of lots with non-responsive landowners, 12+ in previous efforts)
 - Volunteer participation in Albizia workdays and attendance at training workshops (Objective: 3 events, 30 participants)
 -

IV. Financial

Budget

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

Please see attached budget forms.

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

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
\$53,260	\$53,260	\$53,260	\$53,258	\$213,038

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2024. **See Projected Budget category in Operating Budget sheet (attached).**
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. **Not 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 2024 for program funding. **See attachments: Operating Budget and GIA Page 10.**
6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2022.

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

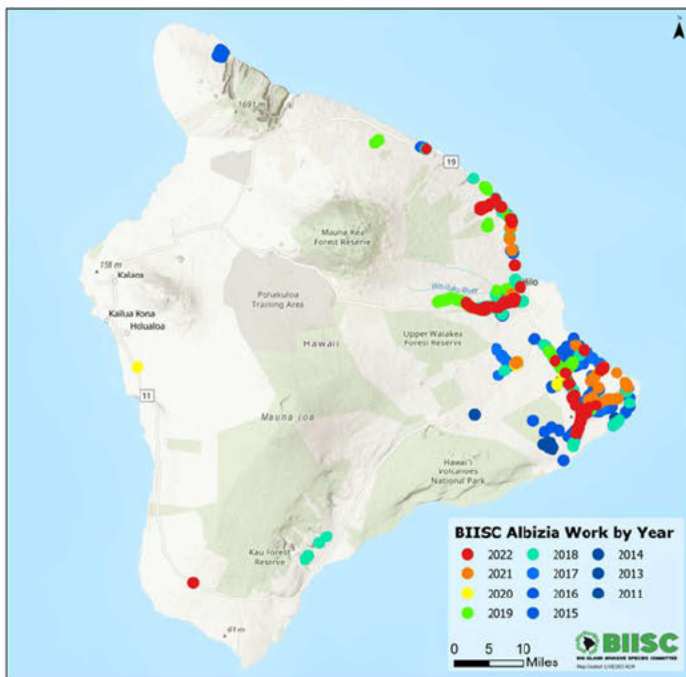
BIISC: Less than \$2000

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 2013 BIISC has led several efforts to remove albizia from major infrastructure, including mapping the hazards, informing the community, securing rights of entry, coordinating with arborists, issuing contracts, completing the non-hazardous mitigation work, and reporting out the results. To meet project goals, BIISC has coordinated with HECO, HDOT, Hawaii County DPW, HI-EMA, County Civil Defense, local subdivision boards and homeowners associations, and other stakeholders.



The Acting BIISC Program Manager helped to launch BIISC's albizia response in January 2015 in the aftermath of Tropical Storm Iselle, and has eight years of experience working on albizia hazard mitigation projects. The BIISC Forest Response Coordinator has been with the project since 2017, with thousands of field hours of experience in albizia evaluation and control, supervising a crew of 4 (with additional seasonal and temporary employees up to 8) in proper and safe albizia control. The supervisor and all crew members are state-licensed pesticide applicators, with wilderness first aid certification and additional formal training. Our team has trained more than 800 Hawaii residents in the safe and

effective incision point application (IPA) treatment method. The supervisor closely coordinates with professional arborists to evaluate the safety of each individual tree encountered prior to treatment.

BIISC oversaw 13 major albizia mitigation projects on the Big Island from 2013-2020. The Covid-19 pandemic restrictions curtailed much our activities and funding, so the project was paused for some of the prior 3 years. In mid-2021, we completed Phase 1 of the Kahakai mitigation (see map). In early 2022, we returned to in-person workshops and training events, completing 12 webinars, workshops, and hands-on

demonstration events to train more than 100 island residents in safe albizia evaluation and control.

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.

BIISC facilities are adequate for the project as requested. We rent a small commercial building and baseyard in the Hilo industrial area to provide our staff with washing and sanitary facilities, secure storage for vehicles, equipment, and herbicides, and an office with computer work stations, phone, internet and electricity. BIISC has a small fleet of aging University of Hawaii vehicles including four pick-up trucks and two SUVs. Two of this fleet are assigned to the team that would complete the albizia project, but additional vehicles can be made available from other teams should there be a mechanical complication so there would be no delays in project completion.

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.

The project will be overseen by the BIISC Manager and assisted by a part-time fiscal associate and GIS (mapping) technician. Human Resources services are provided by the University of Hawaii. All BIISC field staff are required to pass the state exam to obtain an HDOA Commercial Pesticide Applicator certification. This project was developed with the assistance of experts in weed science, arboriculture, and forest ecology at the USDA Forest Service, University of Hawaii, Hawaiian Electric Light Company, and state and county Highways Divisions.

Forest Response (Albizia) Coordinator: Dustin Swan, a graduate of Central Washington University, joined BIISC seven years ago after volunteering as an Albizia Assassin in Puna with his local neighborhood albizia control team. He previously worked for the US Forest Service, leading forest fire operations, and has a background in Information Technology. Dustin is supported by Nathaniel Friday, a field crew leader with a BS in forestry and a history of work in natural resources in Hawaii dating back to high school. Dustin manages a highly-trained team of field assistants and works closely with the BIISC GIS and Data Analyst to map out and prioritize field work, and with the Outreach Coordinator to inform and train the community to manage albizia. He concurrently runs the Rapid Ohia Death response program at BIISC.

Operations Planner/GIS Analyst: Kristopher Meehan has a MS degree in Geographic Information Systems, and tackles the daunting work of organizing field mapping, contact information, permissions, and demographic data for the 800 lots in Hawaiian Beaches/Shores, and the many other BIISC projects island-wide. He developed a custom app to improve the collection of data and permissions for this project. Kris previously worked for the University of Texas, Austin, mapping watershed protection project and analyzing geospatial data sets to improve environmental management in Texas.

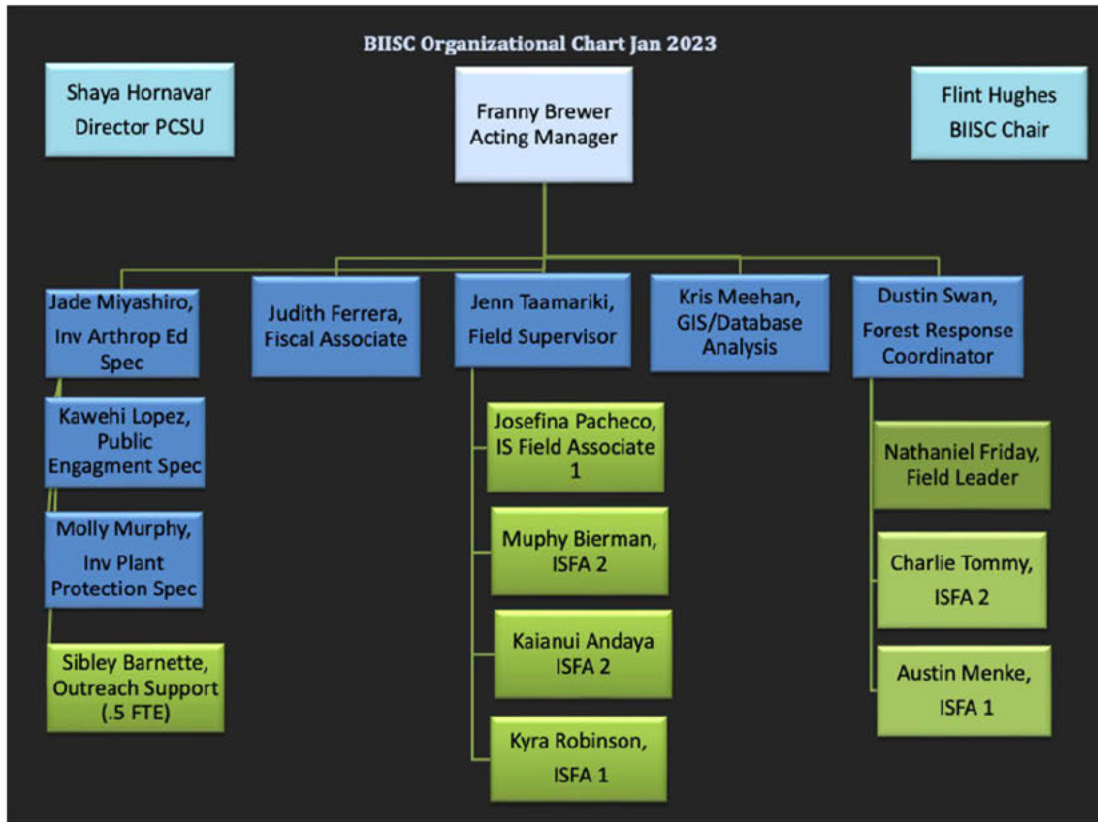
Communications Director/Acting Program Manager: Franny Brewer is a former HDOE science teacher and former director of the Hawaii Island Humane Society, with more than 20 years of experience in education and public communication on Hawai'i Island. A graduate of UH-Hilo and Chaminade University, She is chair of the Puna Community Development Plan Action Committee and of the Puna Natural Resources RCA and deeply connected to the Puna community, where the project is located. Franny leads public communication and training efforts to ensure affected landowners understand the purpose, are prepared for the project, and engage as willing participants. Franny co-designed the Albizia Assassins and Little Fire Ant training programs which are used as models for similar community engagement programs on other islands, and she and Dustin coordinate the community training program and outreach program for albizia on Hawai'i Island.

Public Engagement Liaison: Kawehi Lopez Young started with BIISC as a KUPU intern in 2016, and later joined BIISC full-time as an Invasive Species Field Associate before graduating with a master's degree from UH-Hilo in Tropical Conservation Biology and Environmental Science and being promoted to her current position. She currently leads BIISC's digital outreach efforts and coordinates public engagement and outreach to ensure that community input is factored in to all BIISC undertakings.

Invasive Species Field Associates: Field staff vary in level of experience, with up to five years' field experience in invasive plants management in Hawaii. As employees of RCUH, BIISC staff receive more than 20 hours of targeted training within the first month of work. Field staff are certified in wilderness first aid and trained specifically in safety while working in adverse conditions. All staff are required to earn the state commercial pesticide applicator's license. BIISC holds monthly safety trainings and training is ongoing throughout the employee's tenure.

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.

BIISC Program Manager	\$76,200
Forest Response Coordinator	\$57,503
Operations Planner	\$56,360

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.

Not Applicable.

2. Licensure or Accreditation

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

None is required to complete this work. All supervisors and full-time staff are, however, licensed pesticide applicators in the state of Hawaii. All arborist contractors will be required to provide proof of state licensure and International Society of Arboriculture certification.

3. Private Educational Institutions

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

Not Applicable.

4. Future Sustainability Plan

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

- (a) Received by the applicant for fiscal year 2023-24, but
- (b) Not received by the applicant thereafter.

This project directly addresses liabilities for the power infrastructure and roads of the State and of the County of Hawaii, and is framed in discrete projects to allow a clear sense of progress and completion of each route. After the initial expensive tree removal effort, annual maintenance cost is quite low, and should be done as part of normal roadside maintenance duties by the appropriate state or county agency.

It is our hope that the hazard mitigation plan will be funded by the Hawaii Legislature and Hawaii County, to complete all projects listed; and thereafter that the hazard mitigation work will be expanded to include additional state and county roadways as specific line items in the budgets of the state and county highways divisions. In recent months, we worked with a County Council member to convene a meeting with State legislators, HECO and Hawaiian Tel representatives, and staff from County Dept of Public works and HDOT with the express intention of reconvening the Hawai'i County albizia working group and updating the 2016 plan. We will be working on this throughout 2023.

To prevent the constant re-emergence of albizia hazards along the roadways, a revolving fund has been proposed to County officials to thoughtful reception. Such a fund could provide low interest loans or grants to lower income residents to finance the removal of albizia from their properties. While promised by the federal Rural Development Program of the Farm Services Agency after Tropical Storm Iselle, not one Hawaii resident has received a federally subsidized loan or grant to remove albizia.


The adoption of a Statewide Albizia Management Plan by the six agencies, including HDOT, that make up the Hawaii Invasive Species Council may raise the priority level for funding this work through the HISC or agency budgets.

The Hawaii Emergency Management Agency has also expressed support for albizia mitigation overall. We are currently providing support and guidance to HI-EMA in their effort to identify high-priority hazard trees that can be mitigated through Act 249 funding. These trees are those located on unoccupied lots with non-responsive owners, directly threatening housing and water supply for neighbors, but are not currently identified as part of the mitigation plan so lack other plans for alleviating the threat.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2023 to June 30, 2024

Big Island Resource Conservation and
Development Council (Fiscal Sponsor for
Big Island Invasive Species Committee -
App BIISC)

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	26,100			26,100
2. Payroll Taxes & Assessments				
3. Fringe Benefits	12,500			12,500
TOTAL PERSONNEL COST	38,600			38,600
B. OTHER CURRENT EXPENSES				
1. Arborist Services	125,000			
2. Insurance	400			
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				10,000
5. Staff Training				400
6. Supplies	1,725			1,000
7. Telecommunication				
8. Utilities				771
9. Postage	500			500
10. Printing	500			
11				
12				
13				
14				
15				
16				
17				
18				
19 10% Indirect Rate (RC&D Council)	21,304			
20. 15% Direct/Indirect Univ of HI)	25,009			7,691
TOTAL OTHER CURRENT EXPENSES	174,438			20,362
C. EQUIPMENT PURCHASES	0			
D. MOTOR VEHICLE PURCHASES	0			
E. CAPITAL	0			
TOTAL (A+B+C+D+E)	213,038			58,962
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	213,038	Frances Brewer	808-987-0620	
(b) Total Federal Funds Requested	0	Name (Please type or print) Phone		
(c) Total County Funds Requested	0		1/19/2023	
(d) Total Private/Other Funds Requested	58,962	Signature of Authorized Official Date		
TOTAL BUDGET	272,000	Larry M. Komata, President Name and Title (Please type or print)		

Applicant: Big Island Resource Conservation and Development Council (Fiscal Sponsor for Big Island Invasive Species Committee - BIISC)

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
BIISC Program Manager	1	\$76,200.00	2.5%	\$1,905.00
BIISC Fiscal and Program Associate	1	\$51,000.00	2.5%	\$1,275.00
Forest Response (Albizia) Coordinator	1	\$57,503.00	5%	\$2,875.00
Forest Response (Albizia) Field Leader	1	\$47,250.00	10%	\$4,725.00
Invasive Species Field Associate 2	1	\$42,350.00	10%	\$4,235.00
Invasive Species Field Associate 1	1	\$37,800.00	10%	\$3,780.00
Invasive Species Field Assistant	1	\$38,500.00	5%	\$1,925.00
Public Engagement Liaison	1	\$51,000.00	5%	\$2,550.00
Operations Planner	1	\$56,360.00	5%	\$2,818.00
TOTAL:				\$26,088.00
JUSTIFICATION/COMMENTS: We anticipate the personnel costs to be approximately equally covered by the Hawaii Invasive Species Council, and other administrative, oversight, and operations costs are also covered by the HISC.				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2023 to June 30, 2024

Applicant: Big Island Resource Conservation and
Development Council (Fiscal Sponsor for Big
Island Invasive Species Committee - BIISC)

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
Not Applicable - None Requested			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS:				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
Not Applicable - None Requested			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS Not Applicable				

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2023 to June 30, 2024

Applicant: Big Island Resource Conservation and Development
 Council (Fiscal Sponsor for Big Island Invasive Species
 Committee - BIISC)

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2021-2022	FY: 2022-2023	FY:2023-2024	FY:2023-2024	FY:2024-2025	FY:2025-2026
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
TOTAL:						
JUSTIFICATION/COMMENTS:						
Not Applicable						

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Big Island Invasive Species Committee, Government grants, Past 3 Years

Applicant: Big Island Resource Conservation and Development Council (Fiscal Sponsor for Big Island Invasive Species Committee - BIISC) Contracts Total: 3,908,287
 2022 Total: 1,351,387

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)	CONTRACT VALUE
1	Kahakai Albizia Removal Project Phase 1	7/22/19-12/31/21	Legislative GIA	State	\$ 300,000
	Hawaii Invasive Species Council: Detection and Control of Invasive Species on Hawaii Island	1/1/20-12/31/20	HISC	State	\$ 706,000
3	Hawaii Invasive Species Council: Detection and Control of Invasive Species on Hawaii Island	1/1/21-12/31/21	HISC	State	\$ 880,000
	Forest Health Protection Program: Rapid Ohia Death	1/1/22 - 12/31/22	DLNR-DOFAW/USFS combined	State/Federal	\$ 235,929
4	Forest Health Protection Program: Rapid Ohia Death	1/1/21-12/31/21	DLNR-DOFAW/USFS combined	State/Federal	\$ 270,000
	Invasive Plant Control in Natural Area Reserves	1/1/20-12/31/20	DLNR-DOFAW	State	\$ 100,000
	Invasive Plant Control in Natural Area Reserves	1/1/21-12/31/21	DLNR-DOFAW	State	\$ 80,000
5	Invasive Plant Control in Natural Area Reserves	1/1/22-12/31/22	DLNR-DOFAW	State	\$ 100,000
10	Continuing control of invasive pests on Hawaii Island	7/1/20-6/30/21	HDOA	State	\$ 99,900
12	Hawaii County Grant in Aid	1/1/21-12/31/21	Hawaii County Council	Hawaii County	\$ 11,000
13	Hawaii County Innovation Grant	8/1/2021-6/30/22	Hawaii County R&D	Hawaii County	\$ 50,000
14	USDA APHIS Plant Protection Act	10/1/21-9/30/22	USDA APHIS	Federal	\$ 17,331
15	Invasive Species Strike Team	10/1/19-9/30/20	USFWS	Federal	\$ 40,000
16	Invasive Species Strike Team	10/1/20-9/30/21	USFWS	Federal	\$ 70,000
17	Invasive Species Strike Team	10/1/21-9/30/22	USFWS	Federal	\$ 100,000
18	Hawaii County Grant in Aid	7/1/22-6/30/23	Hawaii County R&D	Hawaii County	40,000
19	Hawaii Invasive Species Council: Detection and Control of Invasive Species on Hawaii Island	1/1/22 - 12/31/22	HISC	State	735,007
20	Forest Health Protection: Target Eradication Plants	7/1/22- 6/30/23	DLNR-DOFAW	State/Federal	73,120
21					

BIG ISLAND INVASIVE SPECIES COMMITTEE
Fiscal Year 2019-2022 Operating Budget and Funding Sources

Description	Operating Budget 2020	Operating Budget 2021	Operating Budget 2022	Operating Budget 2023
Object of Expense:	19 FTE	17 FTE	19 FTE	17 FTE
Personnel Costs - Salaries and Wages	\$ 881,698	\$ 775,903	881698	\$ 769,963
Personnel Benefits	\$ 272,602	\$ 277,851	272602	\$ 258,635
Professional Services (IT, ROD helicopter surveys, paid internships)	\$ 448	\$ 234,143	\$ 10,547	7209
Consumable Supplies (including community training incentives)	\$ 24,160	\$ 23,064	\$ 24,186	20246
Travel D&F	\$ 24,274	\$ 7,163	\$ 5,280	12275
Marketing Expenses/Printing	\$ 1,627	\$ 892	\$ 2,200	920
Utilities, Communications	\$ 11,356	\$ 11,711	\$ 12,540	\$ 13,908
Equipment (2 4WD Used Vehicles in 2015, UTV in FY18)	\$ -			
Rentals-(building and facilities, vehicles)	\$ 45,179	\$ 41,529	\$ 43,039	\$ 43,995
Other Operating Expense-Repair of vehicles and equipment	\$ 25,828	\$ 26,703	\$ 28,000	17200
Other Operating Expense-Training and misc	\$ 14,180	\$ 8,837	\$ 8,837	14340
PCSU Overhead (tracked in 2018)	\$ 53,521	\$ 28,305	\$ 62,059	\$ 44,134
Indirect	\$ 130,254	\$ 112,026	\$ 127,322	\$ 113,138
Total Object of Expense	\$1,485,127.00	\$1,548,127.00	\$ 1,478,310.03	\$ 1,315,962.50
Method of Finance				
Hawaii Invasive Species Council (Spent in calendar year)	\$ 589,040	\$ 700,166	\$ 705,757	\$809,502
HISC Carry Over	\$ 206,645	\$ 117,833	\$ 180,000	\$ 249,252
US Forest Service FHP (Albizia Ecological Monitoring)				
Hawaii National Guard Natural Resources Office	\$ 90,000			
USFWS INV SPEC STRIKE TEAM (Hakalau National Wildlife Refuge)	\$ 40,000	\$ 70,000	\$ 100,000	\$ 60,000
Hawaii Division of Forestry and Wildlife 50% USFS Federa; (Rapid Ohia Death)		\$ 270,000	\$ 180,929	
Hawaii Tourism Authority			\$ 100,000	
HCF THINK Fund, STEM, Career Connected Learning	\$ 19,130			
US Forest Service Special Technology Innovation Grant (UAVs)				
Natural Area Reserves	\$ 100,000	\$ 80,000	\$ 100,000	\$ 60,000
Hawaii Department of Agriculture (Inv. Plants, LFA)	\$ 115,000	\$ 80,010	No RFP Issued	
Hawaii State Legislature Grant In Aid (Albizia Removal Roads)	\$ 91,800	\$ 200,000	No RFP Issued	
Hawaii County Grant in Aid	\$ 13,443		\$ 11,000	
Hawaii county Innovation			\$ 50,000	
Healy Foundation	\$ 23,750	\$ 7,273		
Mamalu PoePoe	\$ 17,684	\$ 18,456	\$ 17,908	\$ 17,500
Three Mountain Alliance	\$ 12,420			
County of HI RC&D- Spittle bug, ROD, Albizia, Invasive Plants	\$ 28,000	\$ 26,094	\$ 47,000	\$ 25,000
Change Happens Foundation	\$ 20,000			
Puna Strong		\$ 17,680		
USDA APHIS-Plant Protection Act 7721 Grant		\$ 17,331		
Total Method of Finance	\$ 1,366,912	\$ 1,604,843	\$ 1,492,594	\$ 1,221,254
Apparent gaps in funding are due to placement of grant funds solely in calendar year awarded.				