



STATE OF HAWAII  
DEPARTMENT OF HAWAIIAN HOME LANDS

P. O. BOX 1879

HONOLULU, HAWAII 96805

March 15, 2013

Ms. Sharon Ziegler-Chong  
University of Hawaii at Hilo  
200 West Kawili Street  
Hilo, Hawaii 96720

Dear Ms. Ziegler-Chong,


SUBJECT: Agreement to Implement Aina Mauna Legacy Program  
Projects, Humuula, Hawaii

We are pleased to inform you that funding for implementing Aina Mauna Legacy Program projects has been secured for the fiscal year 2012-2013. Therefore, the Department of Hawaiian Home Lands (DHHL), Land Management Division (LMD) requests your assistance in implementing these projects by providing the services described in the addendum enclosure.

This fiscal year, DHHL will process a state purchase order to contribute a total of \$15,000.00 to cover the cost of hiring two (2) interns. As reflected in the addendum enclosure, the University will hire two (2) interns capable of implementing and completing the projects, then invoice DHHL for mutually agreed to work and time spent by the interns on these projects. DHHL and Mauna Kea Watershed Alliance (MKWA) staff will be responsible for direct supervision of the interns.

We look forward to working with you in this partnership effort to restore valuable koa and mamane forests at Aina Mauna. If you have any questions, please contact Mike Robinson at 808.933.3480 or email at [mike.e.robinson@hawaii.com](mailto:mike.e.robinson@hawaii.com).

Aloha,

  
Linda Chinn, Administrator  
Land Management Division

Enc.

**Agreed to on this day:**

By

  
Donald Straney, Chancellor

University of Hawaii at Hilo

  
Date

## Aina Mauna Intern and Student Support

**Principal Investigator: Sharon Ziegler-Chong**

**Dates: June 4 – August 10, 2013**

### **Purpose:**

The Pacific Internship Programs for Exploring Science (PIPES) based at the University of Hawai'i at Hilo is coordinating undergraduate interns and students supported through other partners (Mauna Kea Watershed Alliance, USDA Forest Service, the US Fish and Wildlife Service, and other programs) to implement research and management projects on Department of Hawaiian Home Lands termed "Aina Mauna" on the island of Hawaii. The interns and students will receive training on design, implementation and management of the natural resources, while setting up and assisting with projects within Aina Mauna.

Undergraduate interns and students will monitor an established permanent plot network, conduct surveys of koa, mamane and other plant species, both native and alien, participate in the active management of koa forests, control weed species, and assist with other MKWA projects to expand their experience. Summer interns will participate in the Pacific Internship Programs for Exploring Science (PIPES) summer program, which includes travel to the Hawai'i Conservation Conference (HCC). Funds provided by DHHL will support project supplies needing for conducting these projects, including safety and protective gear, field equipment and items for marking plots and data collection and analysis, as well as support for intern travel during the summer program to the HCC. Funds are also budgeted for vehicle rental and miscellaneous supplies to provide travel for interns to the project areas if partner vehicles are not always available.

### **Budget per each intern:**

Aina Mauna Intern Support 2013		
	Per intern	Total
Intern Salary	\$ 4,500	\$ 9,000
Fringe	\$ 450	\$ 900
Travel	\$ 1,096	\$ 2,193
Project Supplies	\$ 1,200	\$ 2,400
<b>Subtotal</b>	<b>\$ 7,246</b>	<b>\$ 14,493</b>
Administrative fee for state projects - 3.5%	\$ 254	\$ 507
<b>Total</b>	<b>\$ 7,500</b>	<b>\$ 15,000</b>

ADDENDUM FOR PO # \_\_\_\_\_  
State Funds Only

**Purpose:** To provide services for the Department of Hawaiian Home Lands (DHHL) "Aina Mauna Legacy Program Projects", as described below.

**Scope of Work:** The Aina Mauna Legacy Program is a 100 year plan by DHHL to reforest approximately 87% of DHHL's 56,000 acre contiguous parcel on the east side of Mauna Kea. Successful restoration techniques used at the Kanakaleonui Bird Corridor (KBC), for example, are resulting in restoring this important ecosystem in a culturally appropriate manner.

UH interns will help to protect, restore and manage lands that were former rangelands. Using native canopy and understory species through a combination of techniques including scarification, seed broadcast, and direct seedling planting, the regeneration of these important watershed areas through grass suppression will be facilitated. Control of invasive species including banana poka (*Passiflora tarminariana*), gorse (*Ulex europaeus*), and non-native pasture grasses will also occur. The interns will be involved with members of the community to conduct forest restoration by collecting seeds, eliminating weeds, and caring for planted seedlings. Interns will be exposed to silvicultural techniques for restoring and managing koa forests, as well as log scaling and processing.

The University of Hawaii at Hilo will provide auxiliary services to the project including hiring of the interns and invoicing DHHL for mutually agreed to intern time spent on the project.

**Service Period:** June 4, 2013 to August 30, 2013. Please invoice for services provided during this time period only.

**Overhead rate:** 3.5%. RCUH Overhead Rate for State funds only

**Funding Source:** \$15,000 State appropriation

**Federal Grant:** NA

**CFDA Number:** 10.664

**Subrecipient:** No

**Billing:** This purchase order does not authorize advance payment. Payment is to be made on a cost reimbursement basis. Invoices should reflect the performance period and this purchase order number to track payment.

**Invoice:** Invoices for services are to be submitted on a monthly basis. Final invoice must be received by this office no later than September 30, 2013. At a minimum, invoices must contain the information listed above.

To ensure proper accountability, all University of Hawaii invoices will be sent to Ms. Linda Chinn, Land Management Division, Dept. of Hawaiian Home Lands, P.O. Box 1879, Honolulu, Hawaii 96805 for processing. A

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copy of each invoice will also be sent to Mr. Mike Robinson, LMD/DHHL at 160 Baker Street, Hilo, Hawaii 96720.

DHHL POC: The point of contact (POC) for this project at DHHL's Land Management Division (LMD) is Mike Robinson, Property Development Agent. He may be reached at (808) 933-3480.