



OCT 22 11:45

# STATE PROCUREMENT OFFICE NOTICE OF AND REQUEST FOR EXEMPTION FROM CHAPTER 103D, HRS

1. TO: Chief Procurement Officer  
2. FROM: DLNR/DOFAW

Department/Division/Agency

Pursuant to §103D-102(b)(4), HRS, and Chapter 3-120, HAR, the Department requests a procurement exemption to purchase the following:

3. Description of goods, services or construction:  
 Collection and analysis of high resolution lidar and hyperspectral imagery. This imagery will provide us with the following information and maps:

- A. Locations of areas of pristine native forest with high levels of species diversity worthy of special management efforts
- B. Distribution of invading species including small outlying and incipient populations, which are difficult to detect using traditional means.
- C. Location and nature of geographical features which are of primary concern for liability reasons.
- D. Individual tree level information to be used for the long term management of "canoe log" trees
- E. Maps of ranges and densities of individual native species. These include tree height, health, and volume by species.
- F. Images of the three dimensional structure of the forest showing understory density and species.

4. Name of Vendor: The Carnegie Institution  Address: 1530 P Street NW Washington DC 20005	5. Price:  \$80,000
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6. Term of Contract: From: 11/01/2007 To: 11/01/2009	7. Prior Exemption Ref. No.
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8. Explanation describing how procurement by competitive means is either not practicable nor advantageous to the State:  
 The Carnegie Institute, in cooperation with the US Forest Service, has developed the Carnegie Airborne Observatory (CAO), which allows mapping tree height and volume, species richness, invasive species, and species distribution. This cutting edge technology is found in no other system in the world and allows us to quantify these forest characteristics in more detail, with greater accuracy, and more cost effectively than with traditional means. DLNR and DOFAW are very interested in this technology and have partnered with the Carnegie Institution to develop this technology in order to better manage State land. The cooperation among DLNR, USFS and Carnegie allow the State to benefit from an economy of scale not otherwise possible in a project of this size. In order to take advantage of this opportunity, work must be scheduled to coincide with work currently scheduled for a brief seasonal cloud-free period in December or January.

9. Details of the process or procedures to be followed in selecting the vendor to ensure maximum fair and open competition as practicable:  
 The technology in this proposal is newly developed and therefore is not available in the private commercial sector. However, DOFAW continues to cooperate with partner agencies including, USGS, USFS, USFWS, TNC and the Hawaii GIS office to monitor this and similar technologies.

For more information regarding Carnegie Airborne Observatory, see the following website. <http://cao.stanford.edu/>

**REQUEST FOR EXEMPTION FROM CHAPTER 103D, HRS (Cont.)**

10. A description of the agency's internal controls and approval requirements for the exempted procurement:  
 A contract for professional services will be executed with the vendor and will define specific requirements that must be met in order to be considered complete. DOFAW staff will monitor work in progress and payment will not be made until all requirements in the contract are met. DOFAW staff will be cooperating with Carnegie and USFS staff in all phases of the project.

12. A list of agency personnel, by position, who will be involved in the approval process and administration of the contract:

Name	Position	Involvement in Process	
Paul J. Conry	State Forester	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Administration
David Joughin	Survey Forester	<input type="checkbox"/> Approval	<input checked="" type="checkbox"/> Administration
Ronald J. Cannarella	Planning and Inf. SVCs Head	<input type="checkbox"/> Approval	<input checked="" type="checkbox"/> Administration
Sheri S. Mann	Coop. Res. Mgmt. Forester	<input type="checkbox"/> Approval	<input checked="" type="checkbox"/> Administration
BLNR		<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Administration
		<input type="checkbox"/> Approval	<input type="checkbox"/> Administration

13. Direct inquiries to: Department: DLNR/ DOFAW  
 Contact Name: David Joughin  
 Phone Number: 586-0915  
 Fax Number: 587-0160

Agency shall ensure adherence to applicable administrative and statutory requirements

14. *I certify that the information provided above is, to the best of my knowledge, true and correct.*

*PJC for* KWC Kawa  
 Department Head

10/17/07  
 Date

**Reserved for SPO Use Only**

15. Date Notice Posted 10/22/07

The Chief Procurement Officer is in the process of reviewing this request for exemption from Chapter 103D, HRS. Submit written objections to this notice to issue an exemption from Chapter 103D, HRS, within seven calendar days or as otherwise allowed from the above posted date to:

Chief Procurement Officer  
 State Procurement Office  
 P.O. Box 119  
 Honolulu, Hawaii 96810-0119

REQUEST FOR EXEMPTION FROM CHAPTER 103D, HRS (Cont.)

Chief Procurement Officer's comments:

This approval is based on DLNR's representation that this imagery system is not found in any other system, and is necessary for the DLNR to better manage State land. This approval is for the solicitation process only, section 103D-310(c), HRS, and section 3-122-112, HAR, shall apply.

16.

APPROVED     DISAPPROVED     NO ACTION REQUIRED

Oliver S. Foye    10/29/07  
Chief Procurement Officer    Date

RECEIVED  
OCT 22 10:19