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STATE OF HAWAII

NOTICE OF AMENDMENT TO EXEMPTION FROM CHAPTER 103D, HRS, CONTRACT

CHIEF PROCUREMENT OFFICER  
STATE OF HAWAII

TO: Chief Procurement Officer

FROM: Attorney General/Hawaii Criminal Justice Data Center  
(Department/Division/Agency)

Name of Contractor: NuDawn Technologies, Inc. P.E. Reference Number: 02-24-R

Description of goods, services, or construction:  
See Attached

The scope of work for the contract is revised as follows:  
See Attached  
Prior Amended Contract Price: \$277,000  
Original Contract Price: \$ 66,000 Amended Contract Price: \$ 0

This / These amendment(s) are necessary because:  
See Attached

Direct questions to: Liane M. Moriyama Phone: 587-3110

Pursuant to § 103D-102, HRS, and § 3-120-5, HAR, I certify that the information provided above is, to the best of my knowledge, true and correct.

*[Signature]*  
Department/ Head or Designee

10/31/05  
~~10/24/05~~  
Date

Title (If other than Department Head)



Date Posted: 11/4/05

A copy of this notice of amendment shall be posted by the Chief Procurement Officer and the purchasing agency in an area accessible to the public, at least seven (7) calendar days prior to any approval action.

Submit written objections to this notice of intent to amend a procurement exemption contract within seven (7) calendar days from the date posted to:

Chief Procurement Officer  
Office/Agency \_\_\_\_\_  
Address \_\_\_\_\_

Please ensure adherence to applicable administrative and statutory requirements.

APPROVED

DISAPPROVED

*[Signature]*  
Chief Procurement Officer

11/14/05  
Date

**STATE OF HAWAII**  
**NOTICE OF AMENDMENT TO EXEMPTION FROM CHAPTER 103D, HRS,**  
**CONTRACT**

Description of goods, services, or construction:

Continue services for software maintenance and enhancements of the booking application of the Integrated Booking/Livescan/Mugphoto (Green Box) system. Specific services and modifications have been identified by the Hawaii Criminal Justice Data Center (HCJDC) and the contractor, with operational user input and recommendations from the Hawaii County and Kauai County Police Departments and the Honolulu Sheriffs Division. These services will be undertaken at the direction of the HCJDC.

The Green Box system consists of three major complex systems that are tightly integrated for booking data entry, livescan and mugphoto capture, and fingerprint archive and mugphoto investigative inquiries. These systems are located at and administered by the HCJDC. This integrated booking system allows police officers to enter booking information, and electronically capture an offender's fingerprints and mugphotos all at a single workstation. The use of this system has created a "paperless" booking environment where all information is captured and transmitted electronically.

The HCJDC has undertaken a major project called Lights Out Automated Identification Processing. This processing will require the integration of the Green Box with the Lights Out Transaction Controller (LOTC). Demographic information and fingerprint images will be transmitted electronically from the Green Box to the LOTC. The LOTC will then transmit the demographic information to CJIS-Hawaii and the fingerprint images to AFIS. CJIS-Hawaii and AFIS will perform independent searches of their databases using the information received from the LOTC and return the results to the LOTC. The results of the respective searches will be compared by the LOTC and if they match, a positive identification has been accomplished with no human operator intervention. This process would take place within a matter of minutes while the offender is still in police custody. It is anticipated that these lights out identifications will occur in 80-85% of cases.

As the designer and developer of the Green Box application, NuDawn Technologies' continued expertise and knowledge of not only the Green Box application, but the sophisticated processing of the data captured and transferred on to the other integrated system components including LOTC, CJIS-Hawaii, and AFIS, is crucial to ensure that all modifications are accurate and efficient, with minimal problems encountered when implemented. In order for the Lights Out process to be an effective tool for criminal justice agencies, a critical project requirement is that the integration between the Green Box and LOTC must be designed and developed effectively and function efficiently. NuDawn Technologies is the most qualified to meet that requirement.

The scope of work is revised as follows:

The scope of work that will be followed by the HCJDC and contractor in the performance of the Green Box booking application system maintenance and software modification services are as follows:

1. Maintenance of existing Green Box functionality to fix problems;
2. Enhancements to the existing functionality to improve the performance and effectiveness of the system;
3. Integrate the Green Box database with the LOTC for the automated identification process; and
4. Redesign and development of the next version of the Green Box system.

The Time of Performance of the contract will be amended to extend through June 30, 2007. There is no change to the Compensation and Payment Schedule. It will remain at the current not to exceed amount of \$277,000.

The history of the contract is as follows:

1. Original contract not to exceed \$66,000 from July 1, 2002 to June 30, 2003
2. Amendment #1 to amend Compensation and Payment Schedule not to exceed \$126,000, and to amend Time of Performance to extend to June 30, 2004.
3. Amendment #2 to amend Compensation and Payment Schedule not to exceed \$277,000, and to amend Time of Performance to extend December 31, 2005.

This / These amendment(s) are necessary because:

The continued maintenance services and software modifications are necessary to ensure the accurate, timely, and complete electronic capture of an offender's arrest, fingerprint, and mugphoto information. The Green Box application and the Integrated Booking/Livescan/Mugphoto system are utilized on a 24x7 basis. Most importantly, the Green Box application is the initial entry point in the capture of an offender's criminal history, which now makes it a critical component in the overall architecture of the Lights Out automated identification process. If the Green Box system is not effectively integrated with the LOTC, the arrest/booking information entered into the Green Box system and the fingerprints electronically captured via livescan devices by the police officers will not be transmitted to the LOTC. If this occurs, the Lights Out process will cease to function at all. In addition, the overall process of maintaining accurate, timely, and complete criminal history record information in CJIS-Hawaii will be severely impacted.