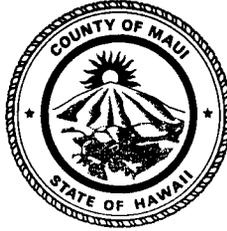


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April 17, 2018

TO: G. Riki Hokama, Chair  
Budget and Finance Committee  
Maui County Council

FROM: Patrick K. Wong  
Corporation Counsel

SUBJECT: **SECURITY SYSTEMS PROGRAM**

This report briefly summarizes a proposed security systems program for the County of Maui that focuses primarily on two areas of concern:

1. Security systems installation and camera coverage for areas where financial transactions may occur; and
2. Security systems installation to secure access to the Kalana O Maui Building.

In Fiscal Year 2018, your committee transferred the position of Executive Assistant I, MD-0015, along with the associated budget and assigned responsibilities to the Department of the Corporation Counsel, Risk Management Division. Essentially, the position performed responsibilities as the chief security administrator for the County with direct oversight for the development of the countywide security standards. The position also provided direct oversight for the implementation of the county wide access control and cctv security systems. Those duties also included maintaining the system database, program protocol, security system and access control identification cards.

A comprehensive review continues and has been on-going throughout this current fiscal year. Currently, there exists 121 camera installations throughout the County. Several locations have been identified as in need of repair and/or upgrade. The access control identification cards and the equipment associated with the issuance of access badges are maintained and operated in the Department of Management. The current vendor is Security Resources, Inc. The current fiscal year budget amount of

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\$195,000 represents this year's maintenance and operations expenses for Security Resources, Inc. Our current recommendation is to consider issuing an updated Request For Proposal in the near future.

In response to the first area of focus, enclosed is a list of the various areas throughout the county that may have financial transactions that occur and proposed recommendations on the installation of camera security systems. For each of these various locations, we would kindly recommend the installation of the following:

1. Either a fixed camera or pan tilt/zoom camera with estimated costs ranging from \$1,135 to \$3,535. The estimated associated costs include the equipment, installation, integration license and programming.
2. A Network Video Recorder with estimated costs ranging from \$3,125 to \$24,875. The estimated associated costs include the equipment and installation. At the low end, the NVR has an 8 channel, 4TB capacity allowing recording up to a three month loop. The high end NVR has a premium server with an 84TB capacity which may accommodate live video feed and recording.
3. Additional access control opening systems (door locking devices), if necessary at certain locations with an approximate cost of \$3,100 per location.

Approximately 17 locations may need security camera installation for an approximate value ranging from \$19,295 (17 x \$1,135) to \$60,095 (17 x \$3,125). An additional NVR will be necessary with the installation of additional cameras. We would recommend the installation of the high end NVR to accommodate all the cameras and increase the storage capacity of the systems. Installation costs will vary based on location and site challenges. Therefore, combined values of the cameras and the NVR would range approximately \$44,170 (\$19,295 + \$24,875) to \$84,970 (\$60,096 + \$24,875) and an additional amount based on site specifications. At this juncture, we would project a budget amount of roughly \$150,000.00 to include equipment acquisition, equipment installation, and data control for the areas that engage in financial transactions.

With regard to the second area of focus, we have reviewed the Kalana O Maui Building entry and exit points and have a range of prospective considerations for your collective review. The identified costs associated with fixed and pan tilt/zoom cameras along with the NVR systems referenced hereinabove are applicable to further securing the Kalana O Maui Building. In addition to those values, the Risk Management Division sought input from the security services industry regarding security services with armed and unarmed guards along with the acquisition of a walk-through metal detector and an

x-ray machine. RMD discovered that metal detectors and x-ray machines are not available for lease.

The foregoing costs are estimated in order to secure all access and exit points in the Kalana O Maui Building with walk-through metal detector and x-ray machine equipment:

1. \$6,000 for a basic Garrett PD 6500i, metal detector. There exists higher end equipment that would correspondingly increase costs based on the make and model involved. There are additional anticipated costs of shipping, installation and maintenance.
2. \$15,000 for a basic x-ray machine. There exists higher level equipment that would correspondingly increase costs based on the make and model involved. There are additional anticipated costs of shipping, installation and maintenance.
3. \$85,000 for a single unarmed private security personnel to operate the security entry equipment and screen all individuals entering Kalana O Maui Building at the lobby entrance. As a possible alternative, discussion and consideration may be given to having assigned police officers located at the lobby entry.
4. \$3,100 to secure the lobby floor rear doorway adjacent to the snack shop.
5. Securing the ground floor entry doors with identification card access will be necessary. Also, a policy will be needed to eliminate "pigging-back" entry.
6. Delivery scheduling to Kalana O Maui and access will also have to be coordinated and a process developed.

Therefore, based on the foregoing we would project a budget amount of approximately \$110,000 to secure the lobby entry and screen individuals with a walk-through metal detector, an x-ray machine and a single unarmed private security personnel. In order that efficient access be facilitated, and to accommodate varied inflow of individuals to the building, may we suggest at least two unarmed private security personnel for an initial total budget value of approximately \$195,000.

The foregoing results in an approximate budget amount of \$345,000 to complete the security systems camera installation at 17 prospective locations along with the closed security of the Kalana O Maui Building inclusive of maintaining and operating a walk-through metal detector and x-ray machine at the lobby entrance.

Respectfully submitted.