

MAR 07 2014

SENATE RESOLUTION

REQUESTING THE DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES AND
CHIEF INFORMATION OFFICER TO WORK WITH THE HIGH TECHNOLOGY
DEVELOPMENT CORPORATION TO ESTABLISH A PUBLIC SAFETY
TECHNOLOGY CAMPUS AND CYBER SECURITY COMMAND CENTER.

1 WHEREAS, Hurricanes Katrina and Sandy presented valuable
2 lessons for the public safety community; and

3
4 WHEREAS, hazards of both hurricanes included inland
5 flooding, high winds, and high waves; and

6
7 WHEREAS, the recent hurricanes on the mainland made clear
8 the need for the State and counties to ensure access to public
9 safety services during times of natural disaster and to make
10 every reasonable effort to protect residents, communities, and
11 assets from natural hazards; and

12
13 WHEREAS, the State currently has facilities that are aging
14 and located in inundation zones; and

15
16 WHEREAS, there is a need to consolidate certain public
17 safety agencies to maximize the use of infrastructure and
18 facilities; and

19
20 WHEREAS, the State requires a plan to relocate public
21 safety services located within and nearby inundation zones to a
22 centralized non-inundation zone area that will provide direct
23 access to highways and be in convenient proximity to hospital
24 and military services and assistance; and

25
26 WHEREAS, in the event of a major disaster, critical systems
27 could be unavailable for months, negatively impacting the lives
28 of many tens of thousands of citizens and costing the State tens
29 of millions of dollars in unplanned system recovery and restart
30 costs; and

31
32 WHEREAS, the State's current data center environment is not
33 fulfilling the capacity, reliability, and security needs of the
34 various departments; and



1
2 WHEREAS, the existence of more than thirty low quality data
3 centers, which are poorly secured and monitored and completely
4 unmanned more than sixty-five percent of the time, exposes the
5 State to the possibility of significant physical and cyber
6 security breaches, resulting in the loss of confidential
7 information about our most vulnerable citizens; and

8
9 WHEREAS, compromising citizens' security and damaging the
10 reputation of the State as a trustworthy data custodian could
11 expose the State to tens of millions of dollars in liability and
12 remediation costs; and

13
14 WHEREAS, because of these risks to Hawaii's technology
15 infrastructure, a permanent data center must be established to
16 house the State's most critical systems and to enhance our
17 ability to secure data; and

18
19 WHEREAS, the Office of Information Management and
20 Technology has the ability to oversee the design, construction,
21 and operation of a data center that can house the State's
22 centralized computing resources along with key staff that
23 support and maintain these resources; and

24
25 WHEREAS, one hundred fifty acres of land are for sale in
26 central Oahu; and

27
28 WHEREAS, these lands are geographically located away from
29 the tsunami risk associated with the coastline and are outside
30 of known special hazard areas with no history of flooding, while
31 being adjacent to a major highway that allows for an easy
32 commute to downtown Honolulu and the airport; and

33
34 WHEREAS, these lands allow for greater power reliability
35 through the availability of electrical feeds from two different
36 substations located in Mililani and Wahiawa; and

37
38 WHEREAS, these lands provide a diverse array of
39 telecommunications connectivity options, such as diverse fiber
40 routes connecting to the Leeward coast, downtown Honolulu, and
41 the North Shore, from multiple carriers, including Oceanic Time
42 Warner Cable, Time Warner Telcom Hawaii, and Hawaiian Telcom;
43 and



1 WHEREAS, the establishment of a data center on these lands
2 will provide geographic diversity from the State's current
3 primary data center at Kalanimoku, which could continue to serve
4 as a backup data center; now, therefore,

5
6 BE IT RESOLVED by the Senate of the Twenty-seventh
7 Legislature of the State of Hawaii, Regular Session of 2014,
8 that the Department of Accounting and General Services and Chief
9 Information Officer work with the High Technology Development
10 Corporation to establish a public safety technology campus and
11 cyber security command center; and

12
13 BE IT FURTHER RESOLVED that the public safety technology
14 campus and cyber security command center be located within the
15 one hundred fifty acres of land that is for sale in central Oahu
16 if the Department of Accounting and General Services is able to
17 acquire these lands; and

18
19 BE IT FURTHER RESOLVED that the Department of Accounting
20 and General Services and Chief Information Officer lead the
21 planning group for the public safety technology campus and cyber
22 security command center; and

23
24 BE IT FURTHER RESOLVED that the Chief Information Officer
25 enter into memoranda of understanding with the following
26 agencies:

- 27
28 (1) Department of Defense; provided that the Department is
29 allocated _____ acres for facilities;
30
31 (2) Department of Public Safety; provided that the
32 Department is allocated _____ acres for facilities;
33
34 (3) State Fire Council; provided that the Council is
35 allocated _____ acres for facilities;
36
37 (4) City and County of Honolulu Department of Emergency
38 Management; provided that the Department is allocated
39 _____ acres for facilities;
40
41 (5) Honolulu Police Department; provided that the
42 Department is allocated _____ acres for facilities;
43



- 1 (6) Hawaii State Civil Defense; provided that the entity
2 is allocated _____ acres for facilities;
3
- 4 (7) Hawaii National Guard; provided that the entity is
5 allocated _____ acres for facilities; and
6
- 7 (8) Other federal, state, and county agencies that may
8 assist with the initiatives as determined by the Chief
9 Information Officer; and

10
11 BE IT FURTHER RESOLVED that agencies and services enter
12 into interagency agreements where efforts might be duplicated;
13 and
14

15 BE IT FURTHER RESOLVED that the public safety technology
16 campus and cyber security command center include:
17

- 18 (1) _____ acres for a data center that is located on a
19 site that is away from flood and tsunami hazard zones
20 and is supplied with reliable electric power and many
21 diverse and redundant high speed telecommunications
22 connections; provided that the data center is an
23 energy efficient, green facility with a smaller
24 environmental footprint than existing data centers;
25 provided further that the data center include a 8,000
26 to 10,000 square feet computer room with 250 racks, an
27 electric power load of two megawatts total for
28 information technology equipment, and a tier 3
29 reliability rating;
30
- 31 (2) Ten acres dedicated for an innovation and research
32 facility;
33
- 34 (3) Forty acres dedicated for a sheriff facility that
35 includes a headquarters building for administrative
36 offices, conference rooms, and an emergency operations
37 center and a training facility for classrooms, a gym,
38 emergency vehicle operations course, mock crime scene
39 facility, SWAT house for tactical training, and
40 dormitories; and
41
- 42 (4) _____ acres dedicated for a State Fire Council
43 facility that includes a National Public Safety
44 Academy of the Pacific building; warehouses for proper



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1 storage of vehicles, equipment, and supplies; fire
2 training building; rappelling towerburn building;
3 urban search and rescue sets; helicopter landing field
4 and training area; driving course; wellness, fitness,
5 and training areas; gymnasium; swimming and diving
6 pool; athletic field; maintenance facilities; fuel
7 depot; vehicle repair; and equipment repair; and
8

9 BE IT FURTHER RESOLVED that certified copies of this
10 Resolution be transmitted to the Adjutant General, Comptroller,
11 Chief Information Officer, Director of Public Safety, Chair of
12 the State Fire Council, Director of the City and County of
13 Honolulu Department of Emergency Management, Executive Director
14 of the High Technology Development Corporation, and Police Chief
15 of the Honolulu Police Department.
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OFFERED BY:




