

MAR 07 2014

SENATE CONCURRENT 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
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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
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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



1 WHEREAS, the State's current data center environment is not
2 fulfilling the capacity, reliability, and security needs of the
3 various departments; and
4

5 WHEREAS, the existence of more than thirty low quality data
6 centers, which are poorly secured and monitored and completely
7 unmanned more than sixty-five percent of the time, exposes the
8 State to the possibility of significant physical and cyber
9 security breaches, resulting in the loss of confidential
10 information about our most vulnerable citizens; and
11

12 WHEREAS, compromising citizens' security and damaging the
13 reputation of the State as a trustworthy data custodian could
14 expose the State to tens of millions of dollars in liability and
15 remediation costs; and
16

17 WHEREAS, because of these risks to Hawaii's technology
18 infrastructure, a permanent data center must be established to
19 house the State's most critical systems and to enhance our
20 ability to secure data; and
21

22 WHEREAS, the Office of Information Management and
23 Technology has the ability to oversee the design, construction,
24 and operation of a data center that can house the State's
25 centralized computing resources along with key staff that
26 support and maintain these resources; and
27

28 WHEREAS, one hundred fifty acres of land are for sale in
29 central Oahu; and
30

31 WHEREAS, these lands are geographically located away from
32 the tsunami risk associated with the coastline and are outside
33 of known special hazard areas with no history of flooding, while
34 being adjacent to a major highway that allows for an easy
35 commute to downtown Honolulu and the airport; and
36

37 WHEREAS, these lands allow for greater power reliability
38 through the availability of electrical feeds from two different
39 substations located in Mililani and Wahiawa; and
40

41 WHEREAS, these lands provide a diverse array of
42 telecommunications connectivity options, such as diverse fiber
43 routes connecting to the Leeward coast, downtown Honolulu, and
44 the North Shore, from multiple carriers, including Oceanic Time



1 Warner Cable, Time Warner Telcom Hawaii, and Hawaiian Telcom;
2 and
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4 WHEREAS, the establishment of a data center on these lands
5 will provide geographic diversity from the State's current
6 primary data center at Kalanimoku, which could continue to serve
7 as a backup data center; now, therefore,
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9 BE IT RESOLVED by the Senate of the Twenty-seventh
10 Legislature of the State of Hawaii, Regular Session of 2014, the
11 House of Representatives concurring, that the Department of
12 Accounting and General Services and Chief Information Officer
13 work with the High Technology Development Corporation to
14 establish a public safety technology campus and cyber security
15 command center; and
16

17 BE IT FURTHER RESOLVED that the public safety technology
18 campus and cyber security command center be located within the
19 one hundred fifty acres of land that is for sale in central Oahu
20 if the Department of Accounting and General Services is able to
21 acquire these lands; and
22

23 BE IT FURTHER RESOLVED that the Department of Accounting
24 and General Services and Chief Information Officer lead the
25 planning group for the public safety technology campus and cyber
26 security command center; and
27

28 BE IT FURTHER RESOLVED that the Chief Information Officer
29 enter into memoranda of understanding with the following
30 agencies:
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- 32 (1) Department of Defense; provided that the Department is
33 allocated _____ acres for facilities;
34
- 35 (2) Department of Public Safety; provided that the
36 Department is allocated _____ acres for facilities;
37
- 38 (3) State Fire Council; provided that the Council is
39 allocated _____ acres for facilities;
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- 41 (4) City and County of Honolulu Department of Emergency
42 Management; provided that the Department is allocated
43 _____ acres for facilities;
44



- 1 (5) Honolulu Police Department; provided that the
2 Department is allocated _____ acres for facilities;
3
- 4 (6) Hawaii State Civil Defense; provided that the entity
5 is allocated _____ acres for facilities;
6
- 7 (7) Hawaii National Guard; provided that the entity is
8 allocated _____ acres for facilities; and
9
- 10 (8) Other federal, state, and county agencies that may
11 assist with the initiatives as determined by the Chief
12 Information Officer; and
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14 BE IT FURTHER RESOLVED that agencies and services enter
15 into interagency agreements where efforts might be duplicated;
16 and
17

18 BE IT FURTHER RESOLVED that the public safety technology
19 campus and cyber security command center include:
20

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



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1 (4) acres dedicated for a State Fire Council
2 facility that includes a National Public Safety
3 Academy of the Pacific building; warehouses for proper
4 storage of vehicles, equipment, and supplies; fire
5 training building; rappelling towerburn building;
6 urban search and rescue sets; helicopter landing field
7 and training area; driving course; wellness, fitness,
8 and training areas; gymnasium; swimming and diving
9 pool; athletic field; maintenance facilities; fuel
10 depot; vehicle repair; and equipment repair; and
11

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