
A BILL FOR AN ACT

RELATING TO THE WAIKIKI AQUARIUM.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The Waikiki aquarium contains outstanding
2 exhibits and educational programs and undertakes and supports
3 research. In 2005, the Waikiki aquarium was selected by its
4 aquarium peers as being among the top four aquariums in the
5 United States. In December 2005, the Waikiki aquarium was
6 featured nationally as part of a Public Broadcasting System
7 television documentary highlighting the aquarium's top four
8 placement, bringing welcomed, positive attention to the aquarium
9 and to the University of Hawaii in general. The Waikiki
10 aquarium has achieved national acclaim despite its dated
11 infrastructure and the deteriorated condition of the physical
12 buildings.

13 The Waikiki aquarium, with state support, has the potential
14 to become the top aquarium in the nation and a world leader in
15 Pacific ocean exhibits, education, and aquatic research.

16 Included in this Act is a capital improvement project to
17 build a new two-story research building. The research
18 undertaken in this building will focus on aquaculture and fish



1 husbandry, as well as supporting ongoing activities, which have
2 been severely restricted by space and equipment limitations.

3 Among the changes:

4 (1) The first floor will:

5 (A) Be partially sunken below grade to minimize the
6 impact on the skyline, and allowing for the
7 maximum height for the building;

8 (B) Include emergency holding tanks, grow-out
9 facilities for aquaculture research projects, and
10 a quarantine/fish pathology research section; and

11 (C) Be partly open around the perimeter to reduce
12 electrical costs associated with cooling.

13 (2) The second floor will contain:

14 (A) A fish aquaculture research unit and breeding
15 tanks and experimental holding facilities;

16 (B) A fish-food preparation area; and

17 (C) A section devoted to fish nutrition studies.

18 The roof will be open, surrounded by safety railing and
19 will house organisms that require high light levels. By using
20 natural sunlight, research projects on this level will reduce
21 the costs of artificial lighting and electrical power and be
22 ecologically friendly and energy efficient.



1 When completed, this building will provide a comprehensive
2 research facility that will house all of the aquarium's aquatic
3 husbandry and aquaculture research programs. It will also
4 address the requirements of, and show commitment to, the new
5 University of Hawaii aquaculture program.

6 The purpose of this Act is to appropriate funds for
7 construction and renovation projects, including a new two-story
8 research building, for the Waikiki aquarium.

9 SECTION 2. There is appropriated out of the general
10 revenues of the State of Hawaii the sum of \$, or so much
11 thereof as may be necessary for fiscal year 2006-2007, for
12 construction and renovation projects for the Waikiki aquarium;
13 provided that all construction work shall meet or exceed the
14 leadership in energy and environmental design silver rating
15 standards for new construction/major renovation work (LEED-NC)
16 and existing building operations (LEED-EB) established by the
17 United States Green Building Council for developing high-
18 performance, sustainable buildings.

19 SECTION 3. The sum appropriated shall be expended by the
20 University of Hawaii for the purposes of this Act.

21 SECTION 4. This Act shall take effect on July 1, 2006.



HB 3163 HD 1

Report Title:

Waikiki aquarium; Appropriation

Description:

Appropriates funds for repair and maintenance and capital improvement projects for the Waikiki aquarium. (HB3163 HD1)

