

House District 29

Senate District 14

THE TWENTY-SIXTH LEGISLATURE
HAWAII STATE LEGISLATURE
APPLICATION FOR GRANTS & SUBSIDIES
CHAPTER 42F, HAWAII REVISED STATUTES

Log No: 5-C

For Legislature's Use Only

Type of Grant or Subsidy Request:

Rec'd JAN 28 2011

GRANT REQUEST – OPERATING

GRANT REQUEST – CAPITAL

SUBSIDY REQUEST

"Grant" means an award of state funds by the legislature, by an appropriation to a specified recipient, to support the activities of the recipient and permit the community to benefit from those activities.

"Subsidy" means an award of state funds by the legislature, by an appropriation to a recipient specified in the appropriation, to reduce the costs incurred by the organization or individual in providing a service available to some or all members of the public.

"Recipient" means any organization or person receiving a grant or subsidy.

STATE DEPARTMENT OR AGENCY RELATED TO THIS REQUEST (LEAVE BLANK IF UNKNOWN):

STATE PROGRAM I.D. NO. (LEAVE BLANK IF UNKNOWN): _____

1. APPLICANT INFORMATION:

Legal Name of Requesting Organization or Individual: **Bishop Museum**

Dbn:

Street Address: **1525 Bernice Street, Honolulu, HI 96817**

Mailing Address: **Same**

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name DENYS KAZAMA

Title Sr. Vice President & CFO

Phone # 848-4161

Fax # 841-8968

e-mail denys.kazama@bishopmuseum.org

3. TYPE OF BUSINESS ENTITY:

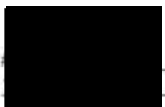
- NON PROFIT CORPORATION
- FOR PROFIT CORPORATION
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

BISHOP MUSEUM'S POLYNESIAN HALL RENOVATION AND IMPROVEMENT PROJECT

4. FEDERAL TAX ID # _____

5. STATE TAX ID # _____



7. AMOUNT OF STATE FUNDS REQUESTED:

FY 2011-2012: \$ 1,000,000

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

- NEW SERVICE (PRESENTLY DOES NOT EXIST)
- EXISTING SERVICE (PRESENTLY IN OPERATION)

SPECIFY THE AMOUNT BY SOURCES OF FUNDS AVAILABLE AT THE TIME OF THIS REQUEST:

STATE \$ 1,000,000

FEDERAL \$ _____

COUNTY \$ _____

PRIVATE/OTHER \$ 2,000,000

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:



Timothy Johns, President & CEO
NAME & TITLE

1/27/11
DATE SIGNED

Application for Grants and Subsidies

If any item is not applicable to the request, the applicant should enter "not applicable".

I. Background and Summary

This section shall clearly and concisely summarize and highlight the contents of the request in such a way as to provide the State Legislature with a broad understanding of the request. Include the following:

1. **A BRIEF description of the applicant's background.**

Bishop Museum was founded in 1889 by Charles Reed Bishop to honor the memory of his late wife, Princess Bernice Pauahi Bishop, the great granddaughter of Kamehameha the Great. The Museum's founding collections contain the personal legacies and bequests of the royal Kamehameha and Kalākaua families, including those of Princess Pauahi, Princess Ruth Ke'elikōlani, and Queen Emma. For over 100 years, the Museum has served as the keeper of these Native Hawaiian cultural treasures. Today, its collections encompass more than 25 million objects and specimens, placing Bishop Museum among the top five natural history museums in the United States and the top 10 in the world. Bishop Museum's collections include over 1.28 million cultural artifacts, representing Native Hawaiian, Pacific Island, and Hawai'i immigrant life; more than 125,000 historical publications, including many in the Hawaiian language; one million historical photographs, films, works of art, and publications; and over 22.7 million plant and animal specimens. The Bishop Museum Press, Hawai'i's oldest book publisher and one of the first scholarly presses in the Western Hemisphere, is the largest publisher of Hawaiian cultural materials, Hawaiian language publications, and translations of Hawaiian language texts in the world.

The Museum's mission is to study, preserve and tell the stories of the cultures and natural history of Hawai'i and the Pacific. Within this mission, the Museum places high priority on advancing Native Hawaiian culture and education, protecting and increasing access to collections, and strengthening the Museum's connections with the schools of Hawai'i.

In 1988, Bishop Museum was designated the Hawai'i State Museum of Natural and Cultural History. It is a place where families can learn about their island heritage and discover the wonders of science through fun, hands on exhibits and programs. Its newest venue, the Richard T. Mamiya Science Adventure Center, features 16,500 square feet of interactive exhibits highlighting the science of Hawai'i. Traveling exhibits address many educational topics for the residents of Hawai'i that are not otherwise available to them locally. In addition, the Museum's educational outreach efforts bring engaging, interactive programs on topics ranging from science to Hawaiian culture and history into classrooms across the State. Last year, Bishop Museum served over 400,000 children and families through innovative exhibits and educational programming both on and off site.

2. The goals and objectives related to the request.

Bishop Museum's Polynesian Hall, part of the historic Hawaiian Hall complex, is Hawai'i's premier exhibit space for Pacific area cultural materials. For over a century, Polynesian Hall has chronicled the rich cultures of the Pacific Islands—from Polynesia to Melanesia and Micronesia—for millions of Museum visitors. Today, its restoration has been planned as a part of the Phase II renovations to the Hawaiian Hall Complex, which will also include upgrades to the complex's entry tower and Joseph M. Long Gallery. As Phase I of the project—which included a new elevator, facility wide air conditioning, and renovations to Hawaiian Hall proper and the new Picture Gallery—is now complete, Bishop Museum has embarked on Phase II of the renovation project.

The Hawaiian Hall complex itself is considered a masterpiece of late Victorian museum design, with its Kamehameha blue stone exterior and extensive use of native *koa*. It is one of the few examples in existence to have survived basically unchanged. The complex is listed on both the State and National Registries of Historic Sites, based on its unique combination of architectural, cultural, scientific, educational, and historical significance.

The original Polynesian Hall was the second of the three buildings that make up today's Hawaiian Hall complex. Plans were announced for the new Polynesian Hall wing in 1891, with the *Daily Bulletin* reporting, "Mr. Bishop has determined to proceed with the erection of a large addition, to be occupied with objects representing the islands of Oceania." Polynesian Hall opened in 1894, showcasing spectacular cultural artifacts and natural history specimens from across the Pacific.

Within the Hawaiian Hall complex, the Phase II Galleries—Polynesian Hall, the J.M. Long Gallery, and the entry tower—encompass 6,370 square feet of public space. These galleries are well over a century old and are in dire need of renovations. Over the years, open doors and windows exposed collections and prized *koa* interiors to insects, dust and water, resulting in termite damage and dry rot. Temporary air conditioning units blow outside air onto artifacts. Since electrical power was added to the complex in the 1960s, no lighting or electrical upgrades have taken place. Outdated lighting systems fail to meet conservation standards for both quantity and quality of light, and the outdated electrical system presents a fire hazard. Due to these substandard environmental conditions, the Museum is unable to display many of its most precious artifacts for public viewing.

Though Bishop Museum is most famed for its Hawaiian collections, its collection of Pacific area artifacts is among the largest and most renowned in the world. The collection includes pieces of tremendous significance. Examples include a *hewa*, or Tahitian mourning dress, which was originally collected by Captain James Cook and is one of only four complete outfits left in existence and the only one permanently housed outside of Europe; the oldest complete set of *tamate* dancing masks from the island of Vanikoro, the southernmost of the Santa Cruz islands; and a rare set of Gilbertese armor made of coconut fiber cordage, strong enough to protect the wearer from shark's tooth weapons.

However, the current exhibits in Polynesian Hall have not been modified for decades, and the vast majority of the Museum's Pacific collections remain in environmentally controlled storage areas.

The Hawaiian Hall complex renovation and improvement project commenced in 2005 with the appropriation by the State of Hawai'i legislature of \$4 million. The project was organized into two phases. Phase I included the renovation and improvement of Hawaiian Hall proper, the Picture Gallery, and the addition of the new Atrium Court. This phase was completed and the restored Hawaiian Hall, Picture Gallery and Atrium were reopened to the public in August 2009.

Phase II renovations and exhibit development began in November 2010, and construction and the new exhibit are expected to be completed in Summer 2012. The budget for Phase II is \$7.6 million. The State of Hawai'i legislature appropriated \$1 million in 2009 for Phase II which includes the renovation and improvement of Polynesian Hall, the J.M. Long Gallery, and the entry tower.

Bishop Museum is requesting \$1 million for the renovation and improvement of Polynesian Hall, J.M. Long Gallery and the Entryway. The project costs include the following:

- Electrical wiring
- Ventilation
- Painting
- Carpet removal and replacement
- Restoration of iron work
- Restoration of original *koa* woodwork
- Treatment of windows
- External and internal non case lighting
- Display case upgrades: restoration, lighting, humidity controls
- Addition of central stair case unifying main level with mezzanine
- Signage
- Roof repairs
- Ceiling repairs
- Air conditioning installation and upgrades
- Fire prevention systems
- External fire escape stair case
- Security systems
- Changes in choice, location, presentation and information provided for displayed objects in Polynesian Hall, accompanied by adjustments to lighting, signage, display cases, and other structures

Through the Phase II efforts, the Hall will be renovated, refurbishing the *koa* wood detailing to its original finish, and removing the '60s era carpeting and décor. Existing cases, built in the 1950s, will be replaced with new cases designed and built to resemble

the original cases in the Hall. These will include state of the art lighting, security, and temperature/humidity controls to better protect the artifacts on display. The new lighting and climate control systems will allow for more delicate and fragile artifacts to be displayed than is possible today, and planned rotation of artifacts will ensure that far more artifacts will be available for public viewing over time than ever before. The stories of the Polynesian, Melanesian, and Micronesian cultures will be told through dynamic, world class exhibits.

With a restored Polynesian Hall, visitors to the Museum will be able to place Hawai‘i, Hawaiian culture, and Hawaiian history in the context of the greater Pacific. They will discover that Polynesians arose from common ancestors who voyaged across the Pacific to settle distant islands and that today, these people lead diverse, dynamic, and complex lives. Visitors will come away with an understanding of “Pacific Connections.” They will be exposed to multiple ways of knowing—archaeology, ethnography, history, genetics, linguistics, and oral traditions.

3. State the public purpose and need to be served.

Bishop Museum is an irreplaceable resource for the people of Hawai‘i. The Hawaiian Hall complex is the world’s premier showcase of Hawaiian and Pacific culture, housing many of the Museum’s most beloved and priceless artifacts. For generations, Hawai‘i residents of all ages have visited the Hawaiian Hall complex to study and learn from the feather capes, carved images, stonework, and exquisite bark cloth on display. Educational programs on topics ranging from the stories of voyages, traditional land management and the *ali‘i* to demonstrations of traditional crafts are presented daily for schoolchildren, families, and visitors. Changing exhibits in the Joseph M. Long Gallery showcase the continuation of Hawaiian cultural practices by pairing the work of contemporary Native Hawaiians alongside artifacts from the Museum’s collection. Nearly 100 Native Hawaiian artists have participated in Long Gallery exhibits over the last 10 years.

The Hawaiian Hall Complex has always served as an educational and cultural resource for the people of Hawai‘i, especially Native Hawaiians. When the complex first opened, the Bishop Museum’s founder, Charles Reed Bishop, envisioned the children attending the newly formed Kamehameha Schools, then on the grounds of the Museum, spending time in the complex learning about the accomplishments of their ancestors and becoming inspired to perpetuate their rich legacy. Generations of fourth grade school children have visited the Complex and learned about Hawaiian culture and the related Polynesian cultures. Hawai‘i’s diverse population, including many of Pacific Island heritage, have marveled at the rich diversity of Polynesian, Melanesian, and Micronesian cultural legacies in Polynesian Hall. College students regularly study the items on exhibit in Polynesian Hall, as do visiting delegates to the East West Center. Polynesian Hall is also the gathering place for many visiting dignitaries representing the Asia Pacific region.

Completing the renovation and improvements of Hawaiian Hall Complex in Phase II will strengthen and improve the Bishop Museum's ability to meet its mission. The renovation of Polynesian Hall will make it possible to provide far greater access to the Museum's extraordinary collections of Pacific Island cultural materials, including access to rarely seen archaeological materials uncovered by Bishop Museum scientists in Tahiti, the Marquesas and Cook Islands, Samoa, Tonga, and Fiji. Once proper environmental conditions have been installed in Polynesian Hall, the new exhibitions will provide the opportunity for Museum scholars and scholars elsewhere to participate in the interpretation of the collections and discussion of their significance. Many of these items are supplemented with archival materials such as historical photos, manuscripts, and maps.

The renovation of the J.M. Long Gallery will allow for the continuation of a highly successful exhibit and public program series. The Gallery has been the venue for contemporary Hawaiian art and artifacts made by Native Hawaiian artists and cultural practitioners for the past 10 years. The contemporary pieces are often displayed alongside collections pieces selected by the artists. The artist explores the relationships between the contemporary piece and the collection piece. The exhibit also includes Hawaiian language text such as poetry and stories, media exploring the meanings behind the exhibited items, and performance pieces. There are very few if any public spaces in Hawai'i that provide this kind of context for Native Hawaiian cultural expression.

4. Describe the target population to be served.

Bishop Museum identifies the target population to be served as residents of the State of Hawai'i. The State is a dynamic community with a resident population of 1,295,178 people (July 2009 U.S. Census). A comparison of the multicultural composition of the Museum's members and the State reveals that Bishop Museum effectively serves the diversity of Hawai'i residents, which includes 239,655 Native Hawaiians and 72,000 Pacific Islanders. The target population also includes 250,000 school children of all ages from both public and private elementary and secondary educational systems, and students and researchers from the University of Hawai'i system.

5. Describe the geographic coverage.

The Bishop Museum has a local, national and international range of educational and research program coverage. Approximately 400,000 residents and visitors from the mainland and around the world come to Bishop Museum annually.

During the Museum's fiscal year ending June 30, 2010, 417,000 people visited the main Museum. This number includes 360,000 resident and 57,000 non resident visitors. About 86 percent of the visitors to the main Museum were residents and 14 percent were nonresidents. The resident visitors, which include military personnel, are primarily comprised of Caucasians (28 percent), Hawaiians (19 percent), and Japanese (14 percent). Resident visitors are mostly from the island of O'ahu. About 40 per cent of the resident

visitors bring their children, and about 41 per cent of nonresident visitors bring children. The primary reason for visiting, according to previous surveys, is to learn about Hawaiian history and culture. According to an August 2007 survey, both residents and nonresidents agree that “Bishop Museum offers an authentic historical, educational and cultural experience.” Many of these resident visitors are also Museum members. Regular special events with greatly discounted or free entry make it possible for low income resident families who are not members to visit.¹

School children who visit the Museum primarily come from schools on the island of O’ahu. About 50 percent are from public schools and 35 percent from private schools, which include preschools and 15 percent from other programs (home school, Summer day programs, etc.). About 25 percent are Native Hawaiian children, most of whom attend public schools, including Native Hawaiian Charter Schools. Last year, Bishop Museum served 44,782 school children through its on and off site educational programs.

II. Service Summary and Outcomes

The Service Summary shall include a detailed discussion of the applicant’s approach to the request. The applicant shall clearly and concisely specify the results, outcomes, and measures of effectiveness from this request.

1. Describe the scope of work, tasks and responsibilities

Bishop Museum management works with its in house Hawaiian Hall Complex Task Force to frame the conceptual design for the renovation and improvements to Polynesian Hall, the J.M. Long Gallery, and the entry tower. Members of the Task Force include key Museum staff and contractors (project manager, architect, construction contractor, woodworking specialist, exhibit designer).

Key project activities involved in the renovation and improvement of the interior exhibit areas include architectural design and construction plans, construction, security systems, and exhibit design and lighting. Renovation activities include paint removal and application, woodwork repair, new electrical systems, window treatment, climate control, fire systems, and security systems. The project will consist of a planning/design phase, a construction phase, an exhibit design and fabrication phase, and an installation and opening phase. The project benefits from the intensive renovation activities of Hawaiian Hall proper in that air conditioning ducts have been prepared, window treatments, electrical systems, security systems, fire have suppression systems, and lighting systems will have been tested and chosen, and in the case of security systems, the conduits will have been laid. Additionally, construction permits have been procured for the entire complex.

¹ There are currently about 8,500 Museum members. Most members purchase family memberships, which includes free admission and other benefits for families of four.

The J.M. Long Gallery's primary purpose as a changing exhibit gallery will remain unchanged. The entry tower includes displays of historical artifacts belonging to Princess Bernice Pauahi Bishop, including two large oil portraits of the founders of the Museum. Improvements to the displays and casework will take place. Various other improvements will be made to the space (e.g., paint removal and application, woodwork, and window treatment). Polynesian Hall will be upgraded and restored, which will include opening the iron balustrade on the second floor mezzanine, adding a central stair case, restoring the exhibit cases, removing and replacing the carpet, and installing dynamic, new exhibits featuring Pacific Island cultural material. Electrical and air conditioning improvements will be made.

The project will advance on two parallel tracks. Track 1— Exhibit Planning & Design: Museum staff and contractor will develop a conceptual plan (theme, topics, messages, types of objects and displays, general floor plan), a schematic display plan (objects and graphic images by topic and theme, by floor and cases), and detailed design plan (final object/graphic lists by case) for the entry tower and Polynesian Hall. The Architect is responsible for integrating the requirements of the schematic display plan into the construction documents. Track 2— Building Repairs, Improvements and Infrastructure: Consistent with developing the detailed display plan, the project team will design and document repairs and improvements to the three areas. The Museum anticipates that the priority of repairs and improvements will be more or less as follows:

- Electrical wiring
- Ventilation (air conditioning)
- Painting (including lead-based paint abatement)
- Stair case construction (internal stair case and external fire escape stair case)
- Treatment of windows
- Lighting
- Fire suppression system
- Security systems

The Architect will work in concert with the other members of the project team to produce a unified and complete set of construction documents reflecting the design and program input from the entire project team. The Architect's key activities include the following:

- Investigation of existing conditions and the development of background drawings using the Museum's archive documents
- Participation in the development of the schematic display plan
- Participation in the development of an overall project design, construction and scheduling strategy to meet the Museum's budgetary and operational constraints (with the Project Team)
- Integration of the Exhibit Designer's concepts, plans and specifications into the construction documents
- Mechanical engineering
- Electrical engineering

- Structural engineering (including an assessment of structural termite damage)
- Cost estimating services
- Hazardous materials and lead based paint abatement procedures documentation and specifications
- The production of complete construction documents for the project
- Construction administration services.

Exhibit design staff and contractor will work in concert with the other members of the project team to produce a unified and complete exhibit and lighting concept reflecting the design and program input from the entire project team. The Exhibit Designer's key activities include the following:

- Investigation, analysis and recommendations regarding the conditions of the existing displays and lighting programs
- Participation in the development of an overall project design, construction and scheduling strategy to meet the Museum's budgetary and operational constraints (with the project team)
- Development of the conceptual design, including space planning, object layout, label systems design, modeling and any other elements required for a comprehensive design package
- Contributions to the development of the schematic design and detailed design, including case design, graphic design, and lighting
- Lighting design and fixture specification for the entryway and Long Gallery (information to be provided the Electrical Engineer via the Architect for incorporation into the construction documents)
- Provision of costs estimates for design work
- Review of the Construction Documents for design work.

The Project Manager's key activities include the following:

- Participation in the investigation of existing conditions with the Owner, Architect and Exhibit Designer
- Master project schedule development, maintenance and enforcement
- Master project budget development, maintenance and enforcement
- Development of an overall project execution plan, strategies for construction, phasing requirements based on the results of the investigation of existing conditions, and budget and schedule analyses
- Participation in the development of the exhibit design plans
- Negotiation and preparation of contracts and agreements between the Owner and their project-related contractors, service providers, consultants and vendors
- Conduct project meetings (including the preparation and distribution of agendas and minutes)
- Interim and final reviews of project construction documents
- Bid review, analysis and recommendations to the Owner for the selection of contractors, subcontractors and vendors

- Initiation and coordination of long lead or advanced purchasing on behalf of the Owner, if required to meet the project schedule
- Manage the site during construction and coordinate construction activities with ongoing Museum operations.

The Museum staff's key activities will include the following:

- Research and development of exhibit concepts for Polynesian Hall, entry tower
- Development in coordination with exhibit designer of exhibit schematic design and detailed design, including furnishing of case elevations
- Coordination with architect and project manager
- Provide leadership in conservation issues relating to the display of the artifacts
- Consult with Native Pacific Islanders in Hawai'i regarding the presentation and interpretation of artifacts and associated materials
- Provide leadership in educational products relating to the exhibits
- Contribute to renovations and improvements in object mounts, lighting, graphics and signage.

2. The applicant shall provide a projected annual timeline for accomplishing the results or outcomes of the service.

The pre construction and design phase of the Polynesian Hall Renovation and Improvement Project began in November 2009. Construction in the entry tower and J.M. Long Gallery commenced in November 2010 and construction in Polynesian Hall is expected to commence in May 2011. The entry tower and J.M. Long Gallery are scheduled to re open in April 2011 and Polynesian Hall is scheduled to reopen to the public in Summer 2012. The project timeline is attached. (See Attachment 1).

3. The applicant shall describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results.

The project manager will provide a detailed work plan which is monitored for progress on a weekly basis. Problems are identified, budgets are carefully reviewed, and corrective actions are identified and implemented on a regular basis. Programmatically, exhibit plans are devised through focus group meetings with key stakeholders (residents, members, teachers, parents, school children). Formative evaluation takes place to test key concepts and summative evaluations take place to determine both quantitatively and qualitatively how effectively the Museum has achieved its goals and objectives.

4. The applicant shall list the measure(s) of effectiveness that will be reported to the State agency through which grant funds are appropriated (the expending agency). The measure(s) will provide a standard and objective way for the State to assess the program's achievement or accomplishment. Please note

that if the level of appropriation differs from the amount included in this application that the measure(s) of effectiveness will need to be updated and transmitted to the expending agency.

Quantitative and qualitative measures will be compiled and analyzed by Museum staff according to evaluation tools (e.g., survey instruments and questionnaires) designed for Museum programs. Quantitative measures include the following:

- At least two new educational programs will be developed for Polynesian Hall
- The number of Museum collection items on display will increase by at least 5 percent
- Museum membership will increase by 5 percent (2010 baseline is 8,500)

Qualitative measures include the following:

- Conservation assessments of the renovated space will be excellent
- Over 75 per cent of the visitor exit survey ratings will be “excellent”
- At least one new exhibit and/or public program in the renovated space will feature the results of a scholar’s work.

III. Financial

Budget

1. *The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.*

The Museum’s budget for this program is attached to this application.

2. *The applicant shall provide its anticipated quarterly funding requirements for the fiscal year 2011-2012.*

| Quarter 1 | Quarter 2 | Quarter 3 | Quarter 4 | Total Grant |
|-----------|-----------|-----------|-----------|-------------|
| \$250,000 | \$250,000 | \$250,000 | \$250,000 | \$1,000,000 |

IV. Experience and Capability

A. **Necessary Skills and Experience**

The applicant shall demonstrate that it has the necessary skills, abilities, knowledge of, and experience relating to the request. State your experience and appropriateness for providing the service proposed in this application. The applicant shall also provide a listing of verifiable experience of related projects or contracts for the most recent three years that are pertinent to the request.

Bishop Museum, founded in 1889, is a 501(c)(3) non-profit organization with a staff of about 200 and an annual operating budget of \$12 million.

The Museum's collections and research publications represent over a century of work by its anthropologists, archaeologists, biologists, and geologists. The Museum's collections include some 25 million objects and are collectively the largest Hawai'i and Pacific area collection in the world. Among these items are over 1.2 million cultural objects representing Native Hawaiian, Pacific Island, and Hawai'i immigrant life, more than 125,000 historical publications including many in the Hawaiian language, 1 million historical photographs, films, works of art, audio recordings, and manuscripts, and over 22 million plant and animal specimens. The Museum's collections have been the source of many exhibits and thousands of publications, many of them by Bishop Museum Press, the oldest continuously operating press west of the Mississippi River. The vast natural science collections and databases serve scientists, natural resource managers, planners, conservation biologists, educators, and students. The cultural collections serve educators, cultural practitioners, students, researchers, regulatory agencies, community organizations, and businesses. The Museum's web site is www.bishopmuseum.org.

Bishop Museum has been serving Hawai'i's people for more than a century and has had a relationship with the State Department of Education and public schools for more than 45 years. Between 1990 and June 2010, the Museum has served over 8.3 million people, including over 1.3 million school children.

Previous Related Project

The Hawaiian Hall Complex restoration and renovation project was begun in 2005 with the appropriation by the State of Hawai'i legislature of \$4 million (Contract No. 528186). The project team was assembled and the actual construction of the first phase began in August 2006. Construction was completed and the Hall reopened to the public in August 2009. The State contract was spent in June 2007 and notification of completion was sent to DAGS in January 2008.

B. Facilities

The applicant shall provide a description of its facilities and demonstrate its adequacy in relation to the request. If facilities are not presently available, describe plans to secure facilities. Also describe how the facilities meet ADA requirements, as applicable.

Bishop Museum is located on 16.5 acres of land in lower Kalihi Valley. Its campus of 17 buildings combines original 19th century stone buildings, modern research facilities, a planetarium, an interactive science center with tropical gardens, an interpreted science garden, and the activity filled Great Lawn. The Museum has a total of 79,000 square feet of exhibit space and of that area, approximately 64,000 square feet are dedicated to long term exhibits and 15,000 square feet to temporary exhibits. The Museum's long term exhibition galleries are devoted to displays featuring the cultural and natural history of

Hawai'i and the Pacific region. Hawaiian Hall is a masterpiece of Victorian museum architecture where world renowned collections are showcased. The J.M. Long Gallery features the work of contemporary Native Hawaiian artists along with objects from our collections in a series of temporary exhibits. Polynesian Hall profiles the varied island cultures of Polynesia, Melanesia, and Micronesia. Hawaiian Hall proper was closed in the summer of 2006 to begin restoration and improvements, funded in part by the State of Hawai'i. It reopened in August 2009 with a new elevator lobby, Picture Gallery, and renovated outdoor courtyard.

The Museum also includes the 70 seat Watumull Planetarium. The Planetarium shows blend prerecorded segments with the Planetarium's educator in live sections exploring the night sky. Program topics have a strong focus on Hawai'i, from the telescopes of Mauna Kea to traditional Polynesian canoe navigation. The Planetarium lobby has been transformed into an exhibit on global warming. The centerpiece of the exhibit is *Science on a Sphere*, a six foot globe that is externally lit by four video projectors that are synchronized to cover the sphere in seamless global images. *Science on a Sphere* (SOS) was created by the National Oceanic and Atmospheric Administration (NOAA), and Bishop Museum was one of the first four sites in the nation to be awarded an SOS. The sphere can display still images of the earth, planets, and moons of the solar system, as well as animations of such striking global phenomena as the 2006 hurricane season or the consequences to Hawai'i of a global rise in sea level.

The focus of the dynamic exhibit program is the Castle Memorial Building. The Museum leases traveling exhibits that bring the world to Hawai'i. The first floor of Castle is dedicated to these temporary shows, which are on display for an average of three months. Traveling exhibits are assessed by the Museum's Exhibit Selection Committee, which evaluates exhibits on potential visitor interest and educational content. Some of these recent traveling exhibits include: *The Science and Art of Animation* (Spring 2009), *Backyard Monsters* (Summer 2009), and *Dinosaurs Unearthed* (winter 2009).

The Richard T. Mamiya Science Adventure Center, which opened in November 2005, contains 16,500 square feet of exhibit space on three levels. The Center showcases immersive, interactive exhibits on the geology, biology, and oceanography of the Hawaiian Islands. Its centerpiece, an active volcano, is modeled after Pu'u 'Ō'ō.

The Castle Memorial Building, the Planetarium lobby, and the Mamiya Science Adventure Center are compliant with the Americans with Disabilities Act (ADA). Hawaiian Hall was recently renovated and is substantially in compliance with ADA since it reopened in August 2009. As part of the renovation, all major Hawaiian Hall complex exhibits areas are now accessible to visitors with impaired mobility.

The Museum also operates a 15 acre ethnobotanical garden on the island of Hawai'i, Amy B.H. Greenwell Ethnobotanical Garden, that is open to school groups and special interest tours. Greenwell Garden includes an office and propagation facility.

V. Personnel: Project Organization and Staffing

A. Proposed Staffing, Staff Qualifications, Supervision and Training

The applicant shall describe the proposed staffing pattern and proposed service capacity appropriate for the viability of the request. The applicant shall provide the qualifications and experience of personnel for the request and shall describe its ability to supervise, train and provide administrative direction relative to the request.

Bishop Museum is proud of its professional staff composed of accomplished individuals who represent Hawai'i's rich multicultural heritage. The professional staff of executives, administrators, managers, scientists, technical and craft specialists are responsible for planning, development, and execution of goals and objectives that support the Museum's strategic plan.

The project team consists of consultants, Museum staff, and two representatives of the Museum's Board of Directors. A formal bid process was followed to procure the consultants—Project Manager, Architect, and Construction lead. Board of Directors members advising the project team are Allison Gendreau, and Charman Akina, M.D. The Museum staff includes the following:

- Timothy E. Johns, President & CEO;
- Dr. Elizabeth Tatar, Director of Strategic Initiatives and project director, with 33 years experience working at Bishop Museum in various capacities relating to collections management, research, management and public programs;
- Betty L. Kam, Vice President of Cultural Resources, with over 29 years experience at Bishop Museum in collections management and exhibit project management;
- David Kemble, Senior Exhibits Designer, with over 34 years experience at Bishop Museum, including involvement with previous iterations of Hawaiian Hall exhibit plans;
- Noelle M.Y. Kahanu, Hawaiian Culture Educator and Education Project Manager, with over 11 years experience at the Museum, including serving as project director for the J.M. Long Gallery changing exhibits and chairperson of the Hawaiian Hall Advisory Committee, an outside group of Native Hawaiian culture experts, scholars and practitioners;
- DeSoto Brown, Archives Collection Manager, with over 22 years experience at Bishop Museum as collection manager, author, and exhibit developer;
- Dr. Yosihiko Sinoto, Museum archaeologist and K.P. Emory Distinguished Chair with over 52 years experience at Bishop Museum and an expert in Pacific archaeology; and
- Dr. Tianlong Jiao, Chairman of the Museum's Anthropology Department and Museum archaeologist specializing in the proto Austronesian archaeology of Southeast China and Taiwan.

The project team is supported by the Museum's development officer, buildings and grounds manager, and public relations officer.

B. Organization Chart

The applicant shall illustrate the position of each staff and line of responsibility/supervision. If the request is part of a large, multi-purpose organization, include an organizational chart that illustrates the placement of this request.

The Bishop Museum Organization Chart is attached. (See Attachment 3).

VI. Other

A. Litigation

The applicant shall disclose any pending litigation to which they are a party, including the disclosure of any outstanding judgement. If applicable, please explain.

N/A

B. Licensure or Accreditation

Specify any special qualifications, including but not limited to licensure or accreditation that applicant possesses relevant to this request.

Bishop Museum is accredited by the Association of American Museums.

BUDGET REQUEST BY SOURCE OF FUNDS

(Period: July 1, 2011 to June 30, 2012)

Applicant: BISHOP MUSEUM

| BUDGET CATEGORIES | Total State Funds Requested (a) | (b) | (c) | (d) |
|--|------------------------------------|---|---------------|-----|
| A. PERSONNEL COST | | | | |
| 1. Salaries | 295,000 | 30,000 | 50,000 | |
| 2. Payroll Taxes & Assessments | | | | |
| 3. Fringe Benefits | 142,780 | 14,520 | 24,200 | |
| TOTAL PERSONNEL COST | 437,780 | 44,520 | 74,200 | |
| B. OTHER CURRENT EXPENSES | | | | |
| 1. Airfare, Inter-Island | 4,000 | 1,200 | 1,000 | |
| 2. Insurance | | | | |
| 3. Lease/Rental of Equipment | 1,200 | 1,000 | 1,100 | |
| 4. Lease/Rental of Space | | | | |
| 5. Staff Training | | | | |
| 6. Supplies | 6,500 | 4,000 | 3,000 | |
| 7. Telecommunication | 520 | | 700 | |
| 8. Utilities | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| TOTAL OTHER CURRENT EXPENSES | 12,220 | 6,200 | 5,800 | |
| C. EQUIPMENT PURCHASES | | | | |
| D. MOTOR VEHICLE PURCHASES | | | | |
| E. CAPITAL | | | | |
| TOTAL (A+B+C+D+E) | 450,000 | 50,720 | 80,000 | |
| SOURCES OF FUNDING | | Budget Prepared By: | | |
| (a) Total State Funds Requested | | Name (Please type or print) _____ Phone _____ | | |
| (b) Foundation grants | | Signature of Authorized Official _____ Date _____ | | |
| (c) Revenue from education program tuition | | | | |
| (d) | | | | |
| TOTAL BUDGET | 580,720 | Name and Title (Please type or print) _____ | | |

BUDGET JUSTIFICATION PERSONNEL - SALARIES AND WAGES

Applicant: Bishop Museum

Period: July 1, 2011 to June 30, 2012

| POSITION TITLE | FULL TIME EQUIVALENT | ANNUAL SALARY <small>A</small> | % OF TIME ALLOCATED TO GRANT REQUEST <small>B</small> | TOTAL STATE FUNDS REQUESTED <small>(A x B)</small> |
|----------------|----------------------|-----------------------------------|--|---|
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| | | | | \$ - |
| TOTAL: | | | | \$ - |

JUSTIFICATION/COMMENTS:

NOT APPLICABLE

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Applicant: Bishop Museum

Period: July 1, 2011 to June 30, 2012

| DESCRIPTION EQUIPMENT | NO. OF ITEMS | COST PER ITEM | TOTAL COST | TOTAL BUDGETED |
|--------------------------|-----------------|------------------|---------------|-------------------|
| | | \$ - | | |
| | | \$ - | | |
| | | \$ - | | |
| | | \$ - | | |
| | | \$ - | | |
| TOTAL: | | | | |
| JUSTIFICATION/COMMENTS: | | | | |

| DESCRIPTION OF MOTOR VEHICLE | NO. OF VEHICLES | COST PER VEHICLE | TOTAL COST | TOTAL BUDGETED |
|---------------------------------|--------------------|---------------------|---------------|-------------------|
| | | \$ - | | |
| | | \$ - | | |
| | | \$ - | | |
| | | \$ - | | |
| | | \$ - | | |
| TOTAL: | | | | |
| JUSTIFICATION/COMMENTS: | | | | |
| NOT APPLICABLE | | | | |

**BUDGET JUSTIFICATION
CAPITAL PROJECT DETAILS**

Applicant: BISHOP MUSEUM

Period: July 1, 2011 to June 30, 2012

| FUNDING AMOUNT REQUESTED | | | | | | |
|--------------------------|--|---------------|-----------------------|--------------------|--------------------------------------|---------------|
| TOTAL PROJECT COST | ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS | | STATE FUNDS REQUESTED | OF FUNDS REQUESTED | FUNDING REQUIRED IN SUCCEEDING YEARS | |
| | FY: 2009-2010 | FY: 2010-2011 | FY: 2011-2012 | FY: 2011-2012 | FY: 2012-2013 | FY: 2013-2014 |
| PLANS | | | | | | |
| LAND ACQUISITION | | | | | | |
| DESIGN | | | | | | |
| CONSTRUCTION | | | 850000 | | | |
| EQUIPMENT | | | 150000 | | | |
| TOTAL: | | | 1,000,000 | | | |
| JUSTIFICATION/COMMENTS: | | | | | | |

**DECLARATION STATEMENT
APPLICANTS FOR GRANTS AND SUBSIDIES
CHAPTER 42F, HAWAI'I REVISED STATUTES**

The undersigned authorized representative of the applicant acknowledges that said applicant meets and will comply with all of the following standards for the award of grants and subsidies pursuant to section 42F-103, Hawai'i Revised Statutes:

- (1) Is licensed or accredited, in accordance with federal, state, or county statutes, rules, or ordinances, to conduct the activities or provide the services for which a grant or subsidy is awarded;
- (2) Comply with all applicable federal and state laws prohibiting discrimination against any person on the basis of race, color, national origin, religion, creed, sex, age, sexual orientation, or disability;
- (3) Agree not to use state funds for entertainment or lobbying activities; and
- (4) Allow the state agency to which funds for the grant or subsidy were appropriated for expenditure, legislative committees and their staff, and the auditor full access to their records, reports, files, and other related documents and information for purposes of monitoring, measuring the effectiveness, and ensuring the proper expenditure of the grant or subsidy.

In addition, a grant or subsidy may be made to an organization only if the organization:

- (1) Is incorporated under the laws of the State; and
- (2) Has bylaws or policies that describe the manner in which the activities or services for which a grant or subsidy is awarded shall be conducted or provided.

Further, a grant or subsidy may be awarded to a non-profit organization only if the organization:

- (1) Has been determined and designated to be a non-profit organization by the Internal Revenue Service; and
- (2) Has a governing board whose members have no material conflict of interest and serve without compensation.

For a grant or subsidy used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant or subsidy was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant or subsidy used for the acquisition of the land.

Further, the undersigned authorized representative certifies that this statement is true and correct to the best of the applicant's knowledge.

Bishop Museum

(Typed Name of Individual or Organization)

1/27/11

(Date)

Timothy E. Johns

(Typed Name)

CEO & President

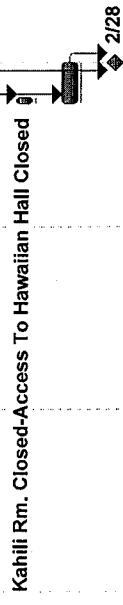
(Title)

Bishop Museum Phase 2- ADA & Hawaiian Hall Improvements

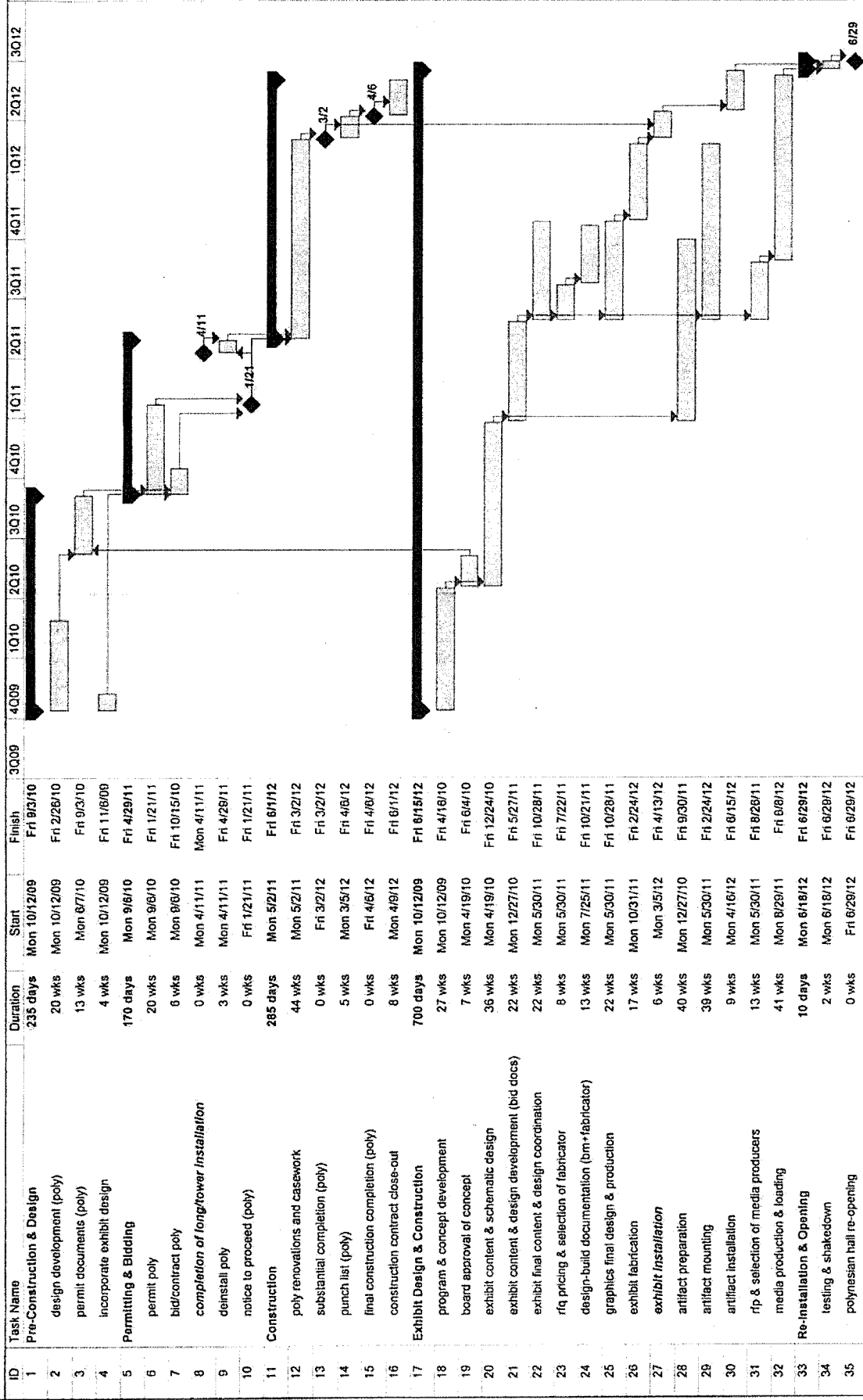
| ID | Task Name | Duration | Start | Finish | November | December | January | February | March | |
|----|--------------------------------------|----------------|--------------------|--------------------|---|----------|---------|----------|-------|--|
| | | | | | 0/3 1/1/7 1/1 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/30 1/30 1/30 2/6 2/13 2/20 2/27 3/6 | | | | | |
| 1 | Long Gallery | 81 days | Mon 11/1/10 | Fri 2/25/11 | | | | | | |
| 2 | Mobilize | 1 day | Mon 11/1/10 | Mon 11/1/10 | | | | | | |
| 3 | Salvage For Reuse | 2 days | Mon 11/1/10 | Tue 11/2/10 | | | | | | |
| 4 | Layout For Demolition | 1 day | Mon 11/1/10 | Mon 11/1/10 | | | | | | |
| 5 | Floor Protection-Access Path | 7 days | Mon 11/1/10 | Tue 11/9/10 | | | | | | |
| 6 | Fire Sprinkler Removal | 2 days | Mon 11/1/10 | Tue 11/2/10 | | | | | | |
| 7 | Lead Paint Abatement | 6 days | Wed 11/3/10 | Wed 11/10/10 | | | | | | |
| 8 | Selective Demolition | 7 days | Wed 11/3/10 | Fri 11/12/10 | | | | | | |
| 11 | Provide AHU Access | 2 days | Mon 11/8/10 | Tue 11/9/10 | | | | | | |
| 12 | Air Conditioning Rough In | 15 days | Mon 11/8/10 | Tue 11/30/10 | | | | | | |
| 9 | Hazardous Material Abatement | 3 days | Fri 11/12/10 | Tue 11/16/10 | | | | | | |
| 10 | Electrical Rough In | 30 days | Fri 11/12/10 | Mon 12/27/10 | | | | | | |
| 14 | Plywood @ Walls | 10 days | Wed 11/17/10 | Wed 12/1/10 | | | | | | |
| 13 | Fire Sprinkler Rough In | 10 days | Fri 11/19/10 | Fri 12/3/10 | | | | | | |
| 15 | Soffit & Beam Framing | 10 days | Fri 11/26/10 | Thu 12/9/10 | | | | | | |
| 16 | Gypsum Drywall | 5 days | Wed 12/8/10 | Tue 12/14/10 | | | | | | |
| 18 | Wood Ceiling Framing | 10 days | Fri 12/10/10 | Thu 12/23/10 | | | | | | |
| 17 | Tape & Mud Drywall | 6 days | Wed 12/15/10 | Wed 12/22/10 | | | | | | |
| 19 | Wood Ceiling & Trims | 20 days | Mon 12/27/10 | Mon 1/24/11 | | | | | | |
| 20 | Painting | 20 days | Thu 1/20/11 | Wed 2/16/11 | | | | | | |
| 22 | Air Conditioning Finish/Start Up | 5 days | Thu 2/17/11 | Wed 2/23/11 | | | | | | |
| 21 | Fire Sprinkler Finish | 3 days | Mon 2/21/11 | Wed 2/23/11 | | | | | | |
| 23 | Test & Balance | 2 days | Thu 2/24/11 | Fri 2/25/11 | | | | | | |
| 24 | Floor Protection-Access Path Removal | 3 days | Wed 2/23/11 | Fri 2/25/11 | | | | | | |
| 25 | Entrance Hall | 82 days | Mon 11/1/10 | Mon 2/28/11 | | | | | | |
| 26 | Floor Protection-Access Path | 7 days | Mon 11/1/10 | Tue 11/9/10 | | | | | | |
| 27 | Scaffold Erection | 5 days | Tue 11/2/10 | Mon 11/8/10 | | | | | | |
| 28 | Lead Paint Abatement | 5 days | Tue 11/9/10 | Tue 11/16/10 | | | | | | |

Bishop Museum Phase 2- ADA & Hawaiian Hall Improvements

| ID | Task Name | Duration | Start | Finish | Month | | | March | | | | | | |
|----|--------------------------------------|----------------|--------------------|--------------------|----------|----------|---------|-------|----------|-------|------|------|------|-----|
| | | | | | November | December | January | | February | March | | | | |
| 29 | Selective Demolition | 6 days | Tue 11/9/10 | Wed 11/17/10 | 0/2 | 1/1 | 1/7 | 1/13 | 1/20 | 2/6 | 2/13 | 2/20 | 2/27 | 3/6 |
| 30 | Lanai Roof Flashing | 2 days | Tue 11/9/10 | Wed 11/10/10 | | | | | | | | | | |
| 31 | Fire Sprinkler Rough In | 7 days | Thu 11/18/10 | Mon 11/29/10 | | | | | | | | | | |
| 35 | Electrical Rough In | 20 days | Thu 11/18/10 | Thu 12/16/10 | | | | | | | | | | |
| 32 | Hydrostop Sprinkler Penetration | 1 day | Fri 11/19/10 | Fri 11/19/10 | | | | | | | | | | |
| 33 | Hydrostop Lanai Roof | 2 days | Fri 11/19/10 | Mon 11/22/10 | | | | | | | | | | |
| 34 | Lanai Drywall Replacement | 7 days | Tue 11/23/10 | Thu 12/2/10 | | | | | | | | | | |
| 36 | Plaster Repairs | 25 days | Tue 11/30/10 | Wed 1/5/11 | | | | | | | | | | |
| 37 | Window Film | 2 days | Wed 12/29/10 | Thu 12/30/10 | | | | | | | | | | |
| 38 | Shade Cloth & Frame @ Window | 7 days | Mon 1/3/11 | Tue 1/11/11 | | | | | | | | | | |
| 39 | Ceiling/Wall Painting | 15 days | Thu 1/6/11 | Wed 1/26/11 | | | | | | | | | | |
| 40 | Fire Sprinkler Finish | 1 day | Tue 1/25/11 | Tue 1/25/11 | | | | | | | | | | |
| 41 | Scaffold Removal | 4 days | Wed 1/26/11 | Mon 1/31/11 | | | | | | | | | | |
| 42 | Carpet Removal | 1 day | Tue 2/1/11 | Tue 2/1/11 | | | | | | | | | | |
| 43 | Refinish Koa | 15 days | Tue 2/1/11 | Mon 2/21/11 | | | | | | | | | | |
| 44 | Koa Handrail | 4 days | Wed 2/2/11 | Mon 2/7/11 | | | | | | | | | | |
| 45 | Display Case | 8 days | Tue 2/8/11 | Thu 2/17/11 | | | | | | | | | | |
| 46 | Carpet | 2 days | Fri 2/18/11 | Mon 2/21/11 | | | | | | | | | | |
| 47 | Floor Protection-Access Path Removal | 1 day | Tue 2/22/11 | Tue 2/22/11 | | | | | | | | | | |
| 48 | Clean Up | 5 days | Tue 2/22/11 | Mon 2/28/11 | | | | | | | | | | |
| 49 | Pre-Final Inspection | 0 days | Mon 2/28/11 | Mon 2/28/11 | | | | | | | | | | |
| 50 | Exterior Accessible Routes | 17 days | Mon 11/8/10 | Thu 12/2/10 | | | | | | | | | | |
| 51 | Demolish Existing Sidewalks | 8 days | Mon 11/8/10 | Thu 11/18/10 | | | | | | | | | | |
| 52 | Sidewalk/Ramp Forms | 7 days | Mon 11/15/10 | Tue 11/23/10 | | | | | | | | | | |
| 53 | Concrete Sidewalks | 6 days | Mon 11/22/10 | Tue 11/30/10 | | | | | | | | | | |
| 54 | Asphalt Paving | 1 day | Wed 12/1/10 | Wed 12/1/10 | | | | | | | | | | |
| 55 | ADA Handrail | 2 days | Wed 12/1/10 | Thu 12/2/10 | | | | | | | | | | |
| 56 | Pavement Striping | 1 day | Wed 12/1/10 | Wed 12/1/10 | | | | | | | | | | |



BISHOP MUSEUM - HAWAIIAN HALL COMPLEX RENOVATIONS
Phase II - Polynesian Hall
Master Project Schedule - 2



Task Milestone External Tasks External Milestone Deadline

Split Summary Project Summary

Project: BM Phase II - Poly-2
 Date: Wed 4/7/10

Prepared By: HEATH CONSTRUCTION SERVICES, INC.

File: BM Phase II - Poly-2

Page 1 of 1

Bernice Pauahi Bishop Museum Organizational Chart 2010

