

**THE THIRTIETH LEGISLATURE  
APPLICATION FOR GRANTS  
CHAPTER 42F, HAWAII REVISED STATUTES**

Type of Grant Request:

Operating                       Capital

Legal Name of Requesting Organization or Individual: Db a:

Hawaii Theatre Center

Amount of State Funds Requested: \$ 648,061

Brief Description of Request (Please attach word document to back of page if extra space is needed):

COMPLETE THE INTERIOR AND EXTERIOR LIGHTING UPGRADE TO ENERGY EFFICIENT LEDS AND REPLACE THE EMERGENCY LIGHTING TRANSFER SYSTEM

Amount of Other Funds Available:

State: \$ 0

Federal: \$ 0

County: \$ 0

Private/Other: \$ 0

Total amount of State Grants Received in the Past 5 Fiscal Years:

\$ 853,039

Unrestricted Assets:

\$ 12,438,692

New Service (Presently Does Not Exist):  Existing Service (Presently in Operation):

Type of Business Entity:

- 501(C)(3) Non Profit Corporation
- Other Non Profit
- Other

Mailing Address:

1130 Bethel Street

City: Honolulu                      State: HI                      Zip: 96813

**Contact Person for Matters Involving this Application**

Name:  
Gregory D. Dunn

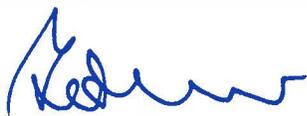
Title:  
President and CEO

Email:  
gregorydunn@hawaii theatre.com

Phone:  
(808) 791-1330

Federal Tax ID#:

State Tax ID#



Gregory D. Dunn, President and CEO

1/15/2019

Authorized Signature

Name and Title

Date Signed

**received**  
1/18/19 10:48 am [Signature]

## Application Submittal Checklist

*The following items are required for submittal of the grant application. Please verify and check off that the items have been included in the application packet.*

- 1) Certificate of Good Standing (If the Applicant is an Organization)
- 2) Declaration Statement
- 3) Verify that grant shall be used for a public purpose
- 4) Background and Summary
- 5) Service Summary and Outcomes
- 6) Budget
  - a) Budget request by source of funds ([Link](#))
  - b) Personnel salaries and wages ([Link](#))
  - c) Equipment and motor vehicles ([Link](#))
  - d) Capital project details ([Link](#))
  - e) Government contracts, grants, and grants in aid ([Link](#))
- 7) Experience and Capability
- 8) Personnel: Project Organization and Staffing

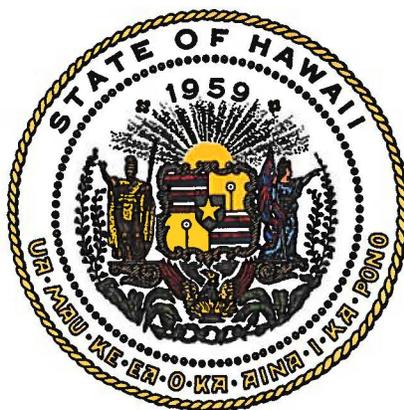
GREGORY D. DUNN, PRESIDENT AND CEO

1/15/2019

AUTHORIZED SIGNATURE

PRINT NAME AND TITLE

DATE



## Department of Commerce and Consumer Affairs

### CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

HAWAII THEATRE CENTER

was incorporated under the laws of Hawaii on 04/27/1984 ;  
that it is an existing nonprofit corporation; and that,  
as far as the records of this Department reveal, has complied  
with all of the provisions of the Hawaii Nonprofit Corporations  
Act, regulating domestic nonprofit corporations.

IN WITNESS WHEREOF, I have hereunto set  
my hand and affixed the seal of the  
Department of Commerce and Consumer  
Affairs, at Honolulu, Hawaii.

Dated: January 09, 2019

Director of Commerce and Consumer Affairs



**DECLARATION STATEMENT OF  
APPLICANTS FOR GRANTS PURSUANT TO  
CHAPTER 42F, HAWAII REVISIED STATUTES**

The undersigned authorized representative of the applicant certifies the following:

- 1) The applicant meets and will comply with all of the following standards for the award of grants pursuant to Section 42F-103, Hawaii Revised Statutes:
  - a) 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 is awarded;
  - b) Complies 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;
  - c) Agrees not to use state funds for entertainment or lobbying activities; and
  - d) Allows the state agency to which funds for the grant 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.
  
- 2) If the applicant is an organization, the applicant meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
  - a) Is incorporated under the laws of the State; and
  - b) Has bylaws or policies that describe the manner in which the activities or services for which a grant is awarded shall be conducted or provided.
  
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawaii Revised Statutes:
  - a) Is determined and designated to be a non-profit organization by the Internal Revenue Service; and
  - b) Has a governing board whose members have no material conflict of interest and serve without compensation.

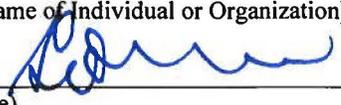
Pursuant to Section 42F-103, Hawaii Revised Statutes, for grants used for the acquisition of land, when the organization discontinues the activities or services on the land acquired for which the grant was awarded and disposes of the land in fee simple or by lease, the organization shall negotiate with the expending agency for a lump sum or installment repayment to the State of the amount of the grant 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.

Hawaii Theatre Center

\_\_\_\_\_  
(Typed Name of Individual or Organization)

1/15/2019

  
\_\_\_\_\_  
(Signature)  
Gregory D. Dunn

\_\_\_\_\_  
(Date)  
President and CEO

\_\_\_\_\_  
(Typed Name)

\_\_\_\_\_  
(Title)

## Application for Grants

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

### **I. Certification – Please attach immediately after cover page**

#### **1. Certificate of Good Standing (If the Applicant is an Organization)**

If the applicant is an organization, the applicant shall submit one (1) copy of a certificate of good standing from the Director of Commerce and Consumer Affairs that is dated no earlier than December 1, 2018.

#### **2. Declaration Statement**

The applicant shall submit a declaration statement affirming its compliance with Section 42F-103, Hawaii Revised Statutes. ([Link](#))

#### **3. Public Purpose**

The applicant shall specify whether the grant will be used for a public purpose pursuant to Section 42F-102, Hawaii Revised Statutes. ([Link](#))

### **II. 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. Please include the following:

#### **1. A brief description of the applicant's background;**

The Hawaii Theatre has played a significant role in Hawaii's cultural landscape since 1922, from its earliest days as a vaudeville house to its present incarnation as the state's foremost historic performance venue. With 1,400 seats, the Theatre is the second largest proscenium performance facility in the state and the only remaining theatre of its type in Hawaii.

After falling into disrepair and facing the wrecking ball, a group of concerned citizens formed the nonprofit Hawaii Theatre Center (HTC) and raised the \$32 million needed to acquire the property under the Theatre and adjoining properties and restore this historic treasure as a world-class presentation hall. The beautifully restored Theatre reopened in 1996 with the mission to serve arts audiences, arts organizations and the community of Hawaii by:

- Preserving Hawaii's historic Hawaii Theatre
- Promoting Hawaiian cultural arts
- Presenting world class arts and cultural experiences

## **Project Programs**

### **1. Complete the replacement of remaining interior lights and exterior lights with LED technology & bring the facility up to safety standards**

The Theatre's interior architectural lighting is comprised of highly inefficient lighting sources and fixtures which utilizes hundreds of incandescent lamps. These lamps create heat which unnecessarily increase the load on the HVAC systems, negatively impact finishes and are prohibitively expensive to operate and maintain.

Through programs that will replace the lighting in the lobbies, chair aisle and wall-mounted aisle lights, Weyand Room, restrooms, box office, administrative offices, dressing rooms, backstage areas, catwalks and exterior and façade the Theatre will mitigate ongoing operating costs, increase attendee comfort and safety and reduce maintenance burdens and facility degeneration. The facility will see a reduction of power consumption of 60% per application and a longer lifecycle on the HVAC systems

### **2. Replace Emergency Lighting Transfer System**

An Emergency Lighting Transfer System is designed to switch one or more lighting loads from one power source to another during a power failure or other emergency situation. When a power loss occurs, which is common in Chinatown, it is critical that emergency lighting systems turn on allowing people to make a safe exit from the building. As a public venue, safety is always a top priority.

Hawaii Theatre's Emergency Lighting Transfer System is more than 20 years and total failure is imminent. The program for the new emergency lighting transfer system will utilize top of the line battery technology that will be integrated into the solar systems at the facility resulting in a 100% renewable source for our emergency systems.

### **3. The public purpose and need to be served;**

Last year, nonprofit organizations accounted for approximately 74% of HTC's licensed users. HTC provides a state-of-the-art, professionally managed venue – at greatly reduced rates – for these groups to stage fundraising concerts, hula and other dance programs, cultural pageants and festivals, student plays and music concerts, and other events. Many of these organizations would not otherwise be able to afford bringing their show to a professional stage like Hawaii Theatre. We offer ticket discounts to military, seniors and students.

HTC's affordably priced educational programming for PreK-12 students provides high-quality performing arts experiences to meet DOE content standards in literacy and fine arts; enhance student learning; and supplement school curricula in the area of performing arts. Tickets are just \$5 for children, \$10 for adults and children under three are free. We also offer one free ticket to a teacher, per every 20 students. In the 2016-17 school year, our education programs reached more than 11,500 participants, with students from Title I

1. **Describe the scope of work, tasks and responsibilities;**  
The Hawaii Theatre Center will complete the retrofit of the expensive, obsolete, and inefficient incandescent lighting technology used in the lighting throughout (interior and exterior) the historic Hawaii Theatre with proven, energy efficient, long lasting LED (Light Emitting Diode) technologies.

Hawaii Theatre's Emergency Lighting Transfer System will be replaced with top of the line battery technology that will be integrated into the solar systems at the facility resulting in a 100% renewable source for our emergency systems.

To implement the completion of the lighting retrofit and the installation of a new emergency lighting transfer system, the Theatre will need to shut down for a period of about three weeks.

### **Project Scope**

1. Upgrade remainder of architectural systems in the theatre which did not get addressed in 2018. This includes
  - a. Chair and Wall Mounted Isle Lights
  - b. Catwalk / Back Stage Safety, Running and Work Lights
  - c. Arch Illumination
  - d. In House Lattice Grill Illumination
  - e. General Illumination in
    - i. Auditorium
    - ii. Lobby
    - iii. Dressing Rooms and Back Stage Common Areas
    - iv. Administration and Box Office
    - v. Public Area Restrooms
    - vi. Function Room / Weyand Room
  - f. Bethel Street Façade
  - g. Marquee
  - h. Platform Hominization with 2017 Theatrical Lighting Retrofit and 2018 Architectural Lighting Retrofit
2. Upgrade Emergency Lighting Transfer System to a new technology which integrates with the 2017 Theatrical Lighting Retrofit and 2018 Architectural Lighting Retrofit and is 100% powered through renewable resources
3. Energy savings of at least 50% per fixture.

### **High-Level Requirements for Vendors**

1. Proven track record in lighting design which demonstrates the understanding of the unique challenges brought on when implementing systems which are mixed use theatrical, architectural and entertainment venue.

12. A complete audit of Hawaii Theatres lighting systems including a. Complete reports identifying

- i. Findings
- ii. Analysis
- iii. Product selection with attributes
- iv. Anticipated ROIs
- v. Developed reasoning's for conclusions and selections.

13. A complete audit Hawaii Theatres Emergency Lighting Transfer System including a. Complete with reports identifying

- i. Findings
- ii. Analysis
- iii. Product selection with attributes
- iv. Initial integration schedule
- v. Developed reasoning's for conclusions and selections

14. Detailed narrative addressing integration with the theatrical lighting control systems of the Hawaii Theatre.

15. Detailed comprehensive narrative on proposed installation procedures with cost break outs that clearly identify

- a. Component costs
  - i. By Item
    1. Lump Sum quotes are not acceptable
- b. Logistic Costs
- c. Installation Labor Costs
  - i. By Man/Hour Type with fees
    1. Lump Sum quotes are not acceptable

The new system must include the following:

1. A retrofit solution for all un-retrofitted architectural lighting at the Hawaii Theatre Center
2. A retrofit solution for all the Emergency Lighting Transfer System at the Hawaii Theatre Center. The Emergency Lighting Transfer System must be run completely from renewable resources.

### **Deliverables**

- Narrative which lays out the integration of the proposed systems and fixtures into the existing systems at the Hawaii Theatre
- Fixture Schedule – Complete with Cut Sheets and Identified Product Nuances
- Fixture Cut Sheet Package
- Emergency Lighting Transfer Switch Cut Sheet Package
- Emergency Lighting Transfer Power Source Cut Sheet Package
- Network Schedule – Complete with Cut Sheets and Identified Product Nuances
- Network Cut Sheet Package

HTC will track and record all changes which affect the above metrics and alter programming and processes to achieve optimization from the new systems

4. 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.
  - Lighting systems power consumption – Before and After Program
  - Lighting systems power consumption as it relates to stress on HVAC systems – Before and After Program
  - Light levels in relation to safety codes – Before and After Program
  - Effectiveness of emergency lighting systems – Before and After Program
  - Labor in relation to lighting systems maintenance - Before and After Program
  - Ease of Operation of Lighting & Emergency Lighting Systems - Before and After Program

#### **IV. Financial**

##### **Budget**

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request.
  - a. Budget request by source of funds ([Link](#))
  - b. Personnel salaries and wages ([Link](#))
  - c. Equipment and motor vehicles ([Link](#))
  - d. Capital project details ([Link](#))
  - e. Government contracts, grants, and grants in aid ([Link](#))
2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2020.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
	\$648,061			

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2020.

Not applicable

Cathy Lee	Vice Chair	President and Designer, RSVPstyle
Jerry Mount	Vice Chair	Founder & CEO, Fair Horizon Capital
Son-Jai Pak	Secretary	VP Human Services, Alexander & Baldwin, Inc.
Peter Apo	Director	President, The Peter Apo Company
Beau Bassett	Director	Attorney, Pitluck Kido & Aipa
Timothy Howell	Director	Executive Director, Advisory Services, Ernst & Young LLP
Don Murphy	Director	Owner, Murphy's Bar & Grill
Deena Nichols	Director	VP – Hawaii & Guam, Macy's
Jon Olson	Director	Host and Producer, Next Stoop
Jeffrey Portnoy	Director	Partner, Cades Schutte LLP
Michelle Richardson	Director	Director of Sales, Benn Pacific Group
Clint Schroeder	Director	President, Hagadone Printing Company
Ligaya Stice, MD	Director	Physician, Kapiolani Medical Center for Women & Children
Dana Tokioka	Director	Account Executive, Atlas Insurance Agency

The President and CEO, reports to the Board of Directors, and is responsible for all daily operations of the organization, including programs, facilities, programming, personnel and real estate.

The Theatre staff has a broad scope of skills and knowledge to administer and initiate programming and maintain the facilities. The Theatre has an exemplary history of exhibiting the capacity, skills, knowledge and experience necessary to complete major capital projects that comply with local building codes and preservation standards in a fiscally efficient and responsible manner.

Major capital projects include:

- 1996 Completed \$21 million Hawaii Theatre interior restoration
- 2005 Completed \$11.5 million Hawaii Theatre exterior restoration
- 2006 Completed exterior renovation of the Theatre's Nuuanu Avenue properties
- 2009 Completed \$600,000 Hawaii Theatre roof replacement
- 2010 Completed \$1.03 million Hawaii Theatre HVAC (air conditioning) installation
- 2011 Completed sound system upgrade and cyclorama (backdrop) LED lights
- 2013 Completed the installation of a digital film projection system
- 2017 Completed the replacement of the stage lights

experiential marketing, Natural, Organic & Eco- Friendly Brands and International Distribution.

**Elizabeth O'Brien - Director of Programming**

O'Brien will be responsible for coordinating the lighting retrofit project with the programming schedule. She will also schedule the production manager and stage tech for labor. O'Brien will serve as the liaison with the contracted lighting vendor.

O'Brien joined HTC in 2010. She was promoted to director of audience services in 2015 with responsibilities for front of the house operations, and in 2016 was named director of programming, responsible for contracting and licensing all productions at the Theatre; marketing and promotion of all HTC Presents shows; and managing front of house, backstage and box office staff. Born and raised in Hawaii, she studied film and theatre on the mainland and performed around the US, Canada and Europe.

**Production Manager - Robert S. Lee**

Lee will be responsible for allowing the vendors access into the Theatre and labor, as necessary.

Lee joined Hawaii Theatre in 2011 as a stage tech and has since been promoted to production manager.

**Stage Tech - Vince Liem**

Liem will be responsible for allowing the vendors access into the Theatre and labor, as necessary.

Liem has worked periodically with the Hawaii Theatre since 2005 in various roles, including stage tech, assistant stage manager, and head projectionist. He is a technician/electrician by trade.

**Contract Positions:**

**Accounting**

This position, as an independent contractor, is held by The CPA Collectives. They are responsible for generating the monthly financials and balance statements of the Hawaii Theatre Center.

**Local Lighting Vendor / Lighting Contractor**

This position will be contracted for the installation of new lighting fixtures, control systems, emergency transfer systems and solar integration. The contractor will specify the fixtures, design the integration into the Theatre's current architecture and facilitate the installation, programming and commissioning of the systems.

- 2005 *Kukulu Hale Award of Excellence: Restoration Project* from the National Association of Industrial and Office Properties, Hawaii Chapter
- 2006 *National Preservation Honor Award* from the National Trust for Historic Preservation
- 2006 *Concrete Achievement Award for Concrete Structure Built Before 1940 and Still in Use* given by the Hawaiian Cement Company
- 2006 First recipient of the *Small Nonprofit Torch Award for Business Ethics* by the Better Business Bureau of Hawaii
- 2007 The Hawaii Theatre was voted *Best Live Theatre* by the Honolulu Star Bulletin.
- 2018 Pacific Business News 2018 - Pineapple Awards, Attractions and Activities Winner

### **3. Private Educational Institutions**

The applicant shall specify whether the grant will be used to support or benefit a sectarian or non-sectarian private educational institution. Please see [Article X, Section 1, of the State Constitution](#) for the relevance of this question.

Grant will not be used to support or benefit a sectarian or non-sectarian private educational institution.

### **4. Future Sustainability Plan**

The applicant shall provide a plan for sustaining after fiscal year 2019-20 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2019-20, but
- (b) Not received by the applicant thereafter.

Hawaii Theatre Center will continue its efforts to raise funds from individuals and foundations through its annual fundraising programs. If funding is not secured, or not in the full amount, Hawaii Theatre may need to take a loan or postpone the project until funds can be raised.

## BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2019 to June 30, 2020

Applicant: Hawaii Theatre Center

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
<b>A. PERSONNEL COST</b>				
1. Salaries				
2. Payroll Taxes & Assessments				
3. Fringe Benefits				
<b>TOTAL PERSONNEL COST</b>				
<b>B. OTHER CURRENT EXPENSES</b>				
1. Airfare, Inter-Island				
2. Insurance				
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies				
7. Telecommunication				
8. Utilities				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
<b>TOTAL OTHER CURRENT EXPENSES</b>				
<b>C. EQUIPMENT PURCHASES</b>				
<b>D. MOTOR VEHICLE PURCHASES</b>				
<b>E. CAPITAL</b>	<b>648,061</b>			
<b>TOTAL (A+B+C+D+E)</b>	<b>648,061</b>			
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	648,061	Gregory D. Dunn (808) 791-1330		
(b) Total Federal Funds Requested		Name (Please type or print) Phone		
(c) Total County Funds Requested				
(d) Total Private/Other Funds Requested		Signature of Authorized Official Date		
<b>TOTAL BUDGET</b>	<b>648,061</b>	Gregory D. Dunn, President and CEO Name and Title (Please type or print)		



## BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2019 to June 30, 2020

Applicant: Hawaii Theatre Center

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
Not applicable			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>TOTAL:</b>				

**JUSTIFICATION/COMMENTS:**

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
<b>TOTAL:</b>				

**JUSTIFICATION/COMMENTS:**

## BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2019 to June 30, 2020

Applicant: Hawaii Theatre Center

FUNDING AMOUNT REQUESTED						
TOTAL PROJECT COST	ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS		STATE FUNDS REQUESTED	OTHER SOURCES OF FUNDS REQUESTED	FUNDING REQUIRED IN SUCCEEDING YEARS	
	FY: 2017-2018	FY: 2018-2019	FY:2019-2020	FY:2019-2020	FY:2020-2021	FY:2021-2022
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION	500000	0	648061	0	0	0
EQUIPMENT						
<b>TOTAL:</b>			648,061			
<b>JUSTIFICATION/COMMENTS:</b>						
See attachment A for construction details. \$500,000 was awarded to Hawaii Theatre Center for FY17-18 to replace a portion of the interior lights. Project is underway.						

**GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID**

Applicant: Hawaii Theatre Center

Contracts Total:

853,039

	<b>CONTRACT DESCRIPTION</b>	<b>EFFECTIVE DATES</b>	<b>AGENCY</b>	<b>GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)</b>	<b>CONTRACT VALUE</b>
1	A Portion of Interior and Exterior Lighting Replacement	7/25/2018 to 7/31/2019	Department of Accounting and General Services	State of Hawaii	500,000
2	Educational Programming	7/1/2017 to 6/30/2018	State Foundation on Culture and the Arts	State of Hawaii	3,062
3	Stage Lighting Replacement	4/27/2017 to 12/31/2018	Department of Accounting and General Services	State of Hawaii	300,000
4	Educational Programming	7/1/2016 to 6/30/2017	State Foundation on Culture and the Arts	State of Hawaii	5,315
5	Educational Programming	7/1/2015 to 6/30/2016	State Foundation on Culture and the Arts	State of Hawaii	2,263
6	Educational Programming	7/1/2014 to 6/30/2015	State Foundation on Culture and the Arts	State of Hawaii	2,399
7	Hawaii Theatre Center's 2015 Hana Hou! Season	1/1/2015 to 12/31/2015	Hawaii Tourism Authority	State of Hawaii	20,000
8	Hawaii Theatre Center's 2014 Hana Hou! Season	1/1/2014 to 12/31/2014	Hawaii Tourism Authority	State of Hawaii	20,000
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

ARCHITECTURAL LIGHTING RETROFIT AND EMERGENCY TRANSFER SYSTEM OVERHAUL  
ATTACHMENT A

<u>Architectural Lighting</u>				Increment	Item	Tax	Item Total
Qty	Item Description	Unit Cost	Remarks	S/H	Charged	Subtotal	Per Item w/ Tax
<b><u>Chair Isle and Wall Mounted Isle Lights</u></b>							
140	MP Lighting 2400K Light Engine w/ Driver 1 w	\$ 82.00	50,000 Hour LED Warm White For Chair Isle Lights	x	1	\$ 11,480.00	\$ 540.94 \$ 12,020.94
70	MP Lighting 2700K Light Engine w/ Driver 2 w	\$ 82.00	50,000 Hour LED Warm White For Inset Isle Lighting	x	1	\$ 5,740.00	\$ 270.47 \$ 6,010.47
25	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 2,097.25	\$ 98.82 \$ 2,196.07
40	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 3,355.60	\$ 158.12 \$ 3,513.72
<b><u>Catwalk / Back Stage Safety, Running and Work Lights</u></b>							
120	EDS Blues System Stage & Catwalk	\$ 218.00	Blues Run Lights throughout Theatre for OSHA Compliance	x	1	\$ 26,160.00	\$ 1,232.66 \$ 27,392.66
2	19" Rack Mount Control Interfaces Blues System Control	\$ 3,176.25	Control Interface for Blues Run Lights	x	1	\$ 6,352.50	\$ 299.33 \$ 6,651.83
28	White Flood 3000k Catwalk	\$ 1,254.91	LED White work lights in Catwalk for OSHA Compliance/Energy Savings	x	1	\$ 35,137.48	\$ 1,655.68 \$ 36,793.16
10	Hour Remove Frayed Wiring C13 Contractor	\$ 110.00	Power/Data Supply (PDS) For RGB Cove Fixtures	x	1	\$ 1,100.00	\$ 51.83 \$ 1,151.83
1	Installation Components	\$ 7,083.76	Installation Mounting, Connections, Data	x	1	\$ 7,083.76	\$ 333.79 \$ 7,417.55
8	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 671.12	\$ 31.62 \$ 702.74
60	Hour C13 Hawaii Electrical Contractor	\$ 110.00	Install New Components	x	1	\$ 6,600.00	\$ 310.99 \$ 6,910.99
60	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 5,033.40	\$ 237.17 \$ 5,270.57
<b><u>Arch Illumination</u></b>							
54	2400/2700K LED White Light Cove Fixture	\$ 225.00	Replace current 8x70w Lamp Bay, 8 Bay Total	x	1	\$ 12,150.00	\$ 572.51 \$ 12,722.51
1	DMX to ELV Dimming	\$ 1,000.00	White Cove Lighting Dimming	x	1	\$ 1,000.00	\$ 47.12 \$ 1,047.12
1	Installation Components	\$ 607.50	Installation Mounting, Connections, Data	x	1	\$ 607.50	\$ 28.63 \$ 636.13
20	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 1,677.80	\$ 79.06 \$ 1,756.86
20	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 1,677.80	\$ 79.06 \$ 1,756.86
<b><u>In House Lattice Grill Illumination</u></b>							
40	2400/2700K LED White Light Cove Fixture	\$ 285.23	For Grill Work in House - 5" Per Grill x 8 Grills	x	1	\$ 11,409.20	\$ 537.60 \$ 11,946.80
8	Leader Cable For Grazing Fixtures	\$ 18.32	From Power Source to Fixture - 1 Per Grill	x	1	\$ 146.56	\$ 6.91 \$ 153.47
2	DMX to ELV Dimming	\$ 1,000.00	White LED Dimming	x	1	\$ 2,000.00	\$ 94.24 \$ 2,094.24
20	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 1,677.80	\$ 79.06 \$ 1,756.86
40	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 3,355.60	\$ 158.12 \$ 3,513.72
<b><u>Auditorium Architectural Downlights</u></b>							
7	8" LED - Narrow Spot 10" -Soft Satin Pewter Reflector- 27/30K	\$ 712.70	Replace 7 Arch Downlights - Exact Spec TBD	x	1	\$ 4,988.90	\$ 235.08 \$ 5,223.98
7	Slopped Ceiling Adaptors	\$ 75.19	For Arch Downlights	x	1	\$ 526.33	\$ 24.80 \$ 551.13
8	8" LED - Narrow 15" -Soft Satin Pewter Reflector- 27/30K	\$ 712.70	Replace 8 First AP Downlights - Exact Spec TBD	x	1	\$ 5,701.60	\$ 268.66 \$ 5,970.26
4	8" LED - Narrow 15" -Soft Satin Pewter Reflector-27/30K	\$ 712.70	Replace 4 Second AP Downlights - Exact Spec TBD	x	1	\$ 2,850.80	\$ 134.33 \$ 2,985.13
6	8" LED - Narrow 15" -Soft Satin Pewter Reflector-27/30K	\$ 712.70	Replace 6 Third AP Downlights - Exact Spec TBD	x	1	\$ 4,276.20	\$ 201.49 \$ 4,477.69
10	8" LED - N Flood 30" -Soft Satin Pewter Reflector- 27/30K	\$ 712.70	Replace 10 Plenum Downlights- Exact Spec TBD	x	1	\$ 7,127.00	\$ 335.82 \$ 7,462.82
1	DMX to ELV Dimming	\$ 3,500.00	White LED Dimming	x	1	\$ 3,500.00	\$ 164.92 \$ 3,664.92
18	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 1,510.02	\$ 71.15 \$ 1,581.17
18	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 1,510.02	\$ 71.15 \$ 1,581.17
<b><u>Under Balcony Illumination</u></b>							
64	RGB Color Changing LED Light Engines	\$ 515.00	18 Domes - 4 Per Dome	x	1	\$ 32,960.00	\$ 1,553.08 \$ 34,513.08
64	Heat Sink Units for LED Light Engines	\$ 23.45	Heat Sink for RGB Light Engine	x	1	\$ 1,500.80	\$ 70.72 \$ 1,571.52
11	PDS 150e Low Voltage Driver - DMX, Line Voltage In	\$ 365.94	Power Data Supply for RGB Components - 8 Per Supply	x	1	\$ 4,025.34	\$ 189.67 \$ 4,215.01
1	Installation Components	\$ 1,924.31	Design/Engineer/Test Exact Solution	x	1	\$ 1,924.31	\$ 90.67 \$ 2,014.98
20	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 1,677.80	\$ 79.06 \$ 1,756.86
32	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 2,684.48	\$ 126.49 \$ 2,810.97
<b><u>Dressing Rooms and Back Stage Bathrooms- Downlights</u></b>							
29	700 Lumen Wide Optic 2700K LED Module	\$ 249.63	Replacement for 88w Lamp in Ceiling Domes	x	1	\$ 7,239.27	\$ 341.11 \$ 7,580.38
29	Drivers for Modules	\$ 58.23	Driver for LED Module	x	1	\$ 1,688.67	\$ 79.57 \$ 1,768.24
29	Heat Sink for Module	\$ 23.45	Heat Sink for Module	x	1	\$ 680.05	\$ 32.04 \$ 712.09
20	Hour Demolition	\$ 87.50	Remove Old Components	x	1	\$ 1,750.00	\$ 82.46 \$ 1,832.46
20	Hour Installation	\$ 87.50	Install New Components	x	1	\$ 1,750.00	\$ 82.46 \$ 1,832.46
<b><u>Stage Underpass Hallway</u></b>							
67	3500K LED White Light Linear Fixture	\$ 30.00	Replacement for Linear Fluorescent	x	1	\$ 2,010.00	\$ 94.71 \$ 2,104.71
1	Installation Components	\$ 100.50	Installation Mounting, Connections, Data	x	1	\$ 100.50	\$ 4.74 \$ 105.24
2	Hour Demolition	\$ 87.50	Remove Old Components	x	1	\$ 175.00	\$ 8.25 \$ 183.25
2	Hour Installation	\$ 87.50	Install New Components	x	1	\$ 175.00	\$ 8.25 \$ 183.25
<b><u>First Floor Lobby Downlights</u></b>							
2	6" LED - N Flood 30" -Soft Satin Pewter Reflector- 27/30K	\$ 518.88	Downlights Outside of Bathrooms - Exact Spec TBD	x	1	\$ 1,037.76	\$ 48.90 \$ 1,086.66
2	6" LED - N Flood 30" -Soft Satin Pewter Reflector- 27/30K	\$ 518.88	Downlights by Sponsor Board - Exact Spec TBD	x	1	\$ 1,037.76	\$ 48.90 \$ 1,086.66
2	Hour Demolition	\$ 87.50	Remove Old Components	x	1	\$ 175.00	\$ 8.25 \$ 183.25
2	Hour Installation	\$ 87.50	Install New Components	x	1	\$ 175.00	\$ 8.25 \$ 183.25
<b><u>Second Floor Lobby Downlights</u></b>							
6	700 Lumen Wide Optic 2700K LED Module	\$ 249.63	Replacement for 88w Lamp in Ceiling Domes	x	1	\$ 1,497.78	\$ 70.58 \$ 1,568.36
6	Drivers for Modules	\$ 58.23	Driver for LED Module	x	1	\$ 349.38	\$ 16.46 \$ 365.84
6	Heat Sink for Module	\$ 23.45	Heat Sink for Module	x	1	\$ 140.70	\$ 6.63 \$ 147.33
10	4" LED - N Flood 30" -Soft Satin Pewter Reflector- 2700K	\$ 388.56	Replacement for 75w Downlight over Bars	x	1	\$ 3,885.60	\$ 183.09 \$ 4,068.69
8	Hour Demolition	\$ 87.50	Remove Old Components	x	1	\$ 700.00	\$ 32.98 \$ 732.98
8	Hour Installation	\$ 87.50	Install New Components	x	1	\$ 700.00	\$ 32.98 \$ 732.98
<b><u>Restrooms - Public Area</u></b>							
25	700 Lumen Wide Optic 2700K LED Module	\$ 249.63	Replacement for 88w Lamp in Ceiling Domes	x	1	\$ 6,240.75	\$ 294.06 \$ 6,534.81
29	Drivers for Modules	\$ 58.23	Driver for LED Module	x	1	\$ 1,688.67	\$ 79.57 \$ 1,768.24
29	Heat Sink for Module	\$ 23.45	Heat Sink for Module	x	1	\$ 680.05	\$ 32.04 \$ 712.09
10	Hour Demolition	\$ 87.50	Remove Old Components	x	1	\$ 875.00	\$ 41.23 \$ 916.23
10	Hour Installation	\$ 87.50	Install New Components	x	1	\$ 875.00	\$ 41.23 \$ 916.23
<b><u>Ward Room</u></b>							
10	8" LED - N Flood 30" -Soft Satin Pewter Reflector- 27/30K	\$ 712.70	Replace 250 w Downlights - Exact Spec TBD	x	1	\$ 7,127.00	\$ 335.82 \$ 7,462.82
12	6" LED - N Flood 30" -Soft Satin Pewter Reflector- 27/30K	\$ 518.88	Replace 150 w Downlights - Exact Spec TBD	x	1	\$ 6,226.56	\$ 293.40 \$ 6,519.96
4	ELV Wall Dimmer	\$ 68.50	Dimming for LED	x	1	\$ 274.00	\$ 12.91 \$ 286.91
11	Hour Demolition	\$ 83.89	Remove Old Components	x	1	\$ 922.79	\$ 43.48 \$ 966.27
11	Hour Installation	\$ 83.89	Install New Components	x	1	\$ 922.79	\$ 43.48 \$ 966.27
<b><u>Beihel Street Exterior Facade</u></b>							
8	Color Kinetics Color Blast 12	\$ 860.69	Full Spectrum Wash Lights for Colonn - 2 Per Colonn	x	1	\$ 6,885.52	\$ 324.45 \$ 7,209.97
12	RGB LED Linear Cove	\$ 314.82	Full Spectrum Linear Wash for Windows - 3 Per Window	x	1	\$ 3,777.84	\$ 178.01 \$ 3,955.85
3	eW Burst LED 2700 Spot	\$ 463.00	Architectural White Accent For Crests and Features	x	1	\$ 1,389.00	\$ 65.45 \$ 1,454.45
2	DMX Data Enablers / Power Data Supply	\$ 508.00	Power/Data Supply For RGB Cove & Wash Fixtures	x	1	\$ 1,016.00	\$ 47.87 \$ 1,063.87
1	iColor Play 3	\$ 1,167.50	Controller and Play Back w Atomic Clock System	x	1	\$ 1,167.50	\$ 55.01 \$ 1,222.51
2	100' Ethernet RJ45 -> RJ45	\$ 32.50	Data Distribution From Playback to Fixtures	x	1	\$ 65.00	\$ 3.06 \$ 68.06
3	40' Leader Cables for RGB Linear Cove	\$ 56.00	Jump Data and Power Between Windows From PDS	x	1	\$ 168.00	\$ 7.92 \$ 175.92
8	EMT 1/2 in	\$ 26.67	Hard Wire Fixture in Windows & Additional Exterior	x	1	\$ 213.36	\$ 10.05 \$ 223.41
4	Jbox	\$ 2.53	Exterior Fixture Mount - Additional Needed From Editing	x	1	\$ 10.12	\$ 0.48 \$ 10.60
1	Installation Components	\$ 660.99	Installation Mounting, Connections, Data	x	1	\$ 660.99	\$ 31.15 \$ 692.14
20	Hour C13 Hawaii Electrical Contractor	\$ 110.00	Unlicensed - Insured	x	1	\$ 2,200.00	\$ 103.66 \$ 2,303.66
25	Hour Lighting Director	\$ 83.89	Install, Program, Train, Warranty Registry	x	1	\$ 2,097.25	\$ 98.82 \$ 2,196.07

ARCHITECTURAL LIGHTING RETROFIT AND EMERGENCY TRANSFER SYSTEM OVERHAUL

Under Marquee Lighting/ Other Exterior Projects

400	Trim		\$	168.00	Philips Lytecaster Recessed Trim w/Color Match	X	1	\$	67,200.00	\$	3,166.46	\$	70,366.46
0	Lamp		\$	55.86	LED MR16 Base Full Operating Capability 3000K-2700K	X	1	\$	-	\$	-	\$	-
20	Exterior Fixtures		\$	350.00	Exterior Security / Area Lights - Replacement	X	1	\$	7,000.00	\$	329.84	\$	7,329.84
1	Installation Components		\$	672.00	Installation Mounting, Connections, Data	X	1	\$	672.00	\$	31.66	\$	703.66
1	LIR Rental		\$	1,250.00	LIR Plus Pick Up/Rehm		1	\$	1,250.00	\$	58.90	\$	1,308.90
40	Hour C13 Hawaii Electrical Contractor		\$	110.00	Licensed , Insured		1	\$	-	\$	-	\$	-
40	Hour Lighting Director		\$	83.89	Install, Program, Train, Warranty Registry		1	\$	3,355.60	\$	158.12	\$	3,513.72

Emergency Lighting Transfer System

2	Emergency Panels Mains Fed Nema 4 Enclosure		\$	25,000.00	Mains Fed Relay Panel for Emergency Loads	X	1	\$	50,000.00	\$	2,356.00	\$	52,356.00
2	Solar Integrated Transfer Power Back Up Power		\$	66,000.00	Battery Back Up Systems with Solar Integration	X	1	\$	132,000.00	\$	6,219.84	\$	138,219.84
1	Installation Components		\$	15,000.00	Installation Mounting, Connections, Data	X	1	\$	15,000.00	\$	706.80	\$	15,706.80
20	Hour Demolition		\$	83.89			1	\$	2,200.00	\$	103.66	\$	2,303.66
40	Hour C13 Hawaii Electrical Contractor		\$	110.00	Licensed , Insured		1	\$	4,400.00	\$	207.33	\$	4,607.33
40	Hour Lighting Director		\$	83.89	Install, Program, Train, Warranty Registry		1	\$	3,355.60	\$	158.12	\$	3,513.72

Architectural Program Hours

40	Lighting Consultant	Donation	\$	125.00	On Site Auditing		1	\$	5,000.00			\$	-
60	Lighting Consultant	Donation	\$	125.00	Deconstruct Lighting System and Create Retrofit - Specification		1	\$	7,500.00			\$	-
60	Lighting Consultant	Donation	\$	125.00	Create Retrofit Schedule		1	\$	7,500.00			\$	-
40	Lighting Consultant	Donation	\$	125.00	Create Submittals for House Records		1	\$	5,000.00			\$	-

Other Project Programs

60	Applicability Testing	Donation	\$	125.00	Map Integration		1	\$	7,500.00			\$	-
0	Assist Facility In Obtaining Utility Rebates		\$	125.00	Facilitate Rebates From HECO		1	\$	-	\$	-	\$	-
30	Market the Project	Donation	\$	125.00	Market Project with the Green, Lighting and Design Community		1	\$	3,750.00			\$	-
15.5	Create Quick Guides for New Technology		\$	125.00	Create House Manuals		1	\$	1,937.50	\$	91.30	\$	2,028.80
10	Warranty Registration	Donation	\$	125.00	Warranty Registry		1	\$	1,250.00			\$	-
150	Hour C13 Hawaii Electrical Contractor		\$	110.00	Licensed , Insured		1	\$	16,500.00	\$	777.48	\$	17,277.48
1	Lot Data Control Cable	Donation	\$	750.00	System Distribution		1	\$	750.00			\$	-
1	Networking Components		\$	5,000.00	System Network Wired and Wireless Components		1	\$	5,000.00	\$	235.60	\$	5,235.60
1	Networking Components	Donation	\$	10,000.00	System Network Wired and Wireless Components		1	\$	10,000.00			\$	-
1	Shipping		\$		Shipping of Materials			\$	15,000.00	\$	706.80	\$	15,706.80
											TOTAL	\$	648,060.82

# Hawaii Theatre Center Lighting Project Organization Chart

(Attachment B)

