

**ORIGINAL**

House District 35

Senate District 18

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

Log No: 103-C

For Legislature's Use Only

*Rec'd* **JAN 28 2011**

Type of Grant or Subsidy Request:

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:

Dba: **The Filipino Community Center, Inc.**

Street Address: **94-428 Mokuola Street, Suite 302  
Waipahu, Hawaii 96797**

Mailing Address: **94-428 Mokuola Street, Suite 302  
Waipahu, Hawaii 96797**

**2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:**

Name GEMINIANO Q. ARRE, JR.

Title President & Chief Operating Officer

Phone # (808)680-0451

Fax # (808)680-7510

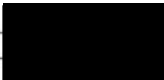
e-mail qqajunior@filcom.org

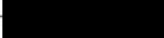
**3. TYPE OF BUSINESS ENTITY:**

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

**6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:**

SOLAR ELECTRIC ENERGY SYSTEM FOR THE FILCOM CENTER BUILDING.

4. FEDERAL TAX ID #: 

5. STATE TAX ID #: 

**7. AMOUNT OF STATE FUNDS REQUESTED:**

FY 2011-2012: \$ 500,000

**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 \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 0

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:



GEMINIANO Q. ARRE, JR., PRESIDENT & COO

NAME & TITLE

*Geminiano Arre*  
January 28, 2011  
DATE SIGNED

## APPLICATION FOR GRANTS & SUBSIDIES

### I. Background & Summary.

1. **Brief Description of Background.** The Filipino Community Center is the largest Filipino Community center in the U.S. and outside the Philippines. It contains 55,000sf of the space under the roof including a 5,000sq. ft. grand ballroom, an adjoining courtyard with water fountain & café seating, a technology center with 32 computer work stations which can be divided into two classrooms, a fully certified commercial kitchen and 10 retail spaces for social, health care, commercial and entrepreneurial services.

The FilCom Center is a gathering place for promoting activities to share and perpetuate the Filipino heritage with those interested in the multi-cultural fabric of Hawaii. It offers varied social and human services programs for all members of the community.

2. **Goals & Objectives Related to the Request.** The FilCom Center spends about \$85,000 annually on electricity. The installation of a Solar Energy system which produces 115,000 KWH per year can potentially reduce our electricity costs by 40 percent in addition to other public benefit that will accrue from the project.
3. **Public Need to be Served.** Every year about 100,000 use FilCom facilities, participate or attend FilCom projects, programs or services provided by FilCom tenants. While most functions in the ballroom are family socials, it is also a regular venue for the Waipahu Neighborhood Board, the Leeward Regional Group, various sports events, community meetings, seminars & educational programs.
4. **Target Population & Geographic Coverage.** Most FilCom users are from the Waipahu area and adjoining communities – Pearl City, Aiea, Kunia, Waipio, Mililani, Ewa Beach, Kapolei and the Leeward coast all the way to Waianae & Makaha.
5. **Benefit to the Community.** The project will have a positive impact overall because it will reduce electric costs and protect the environment. The project will also add to the business recovery.

### II. Experience and Capability.

1. **Necessary Skills and Experience.** The FilCom Center opened its doors on June 11, 2002 after more than 10 years to capital fundraising. The Board of Directors includes lawyers, academicians, a realtor/financier, an engineer, a care home operator and a restaurant chain owner/operator. (See Attached BOD listing.)

The current President and COO for the last 6 years holds a BS in Business Administration and an MA in Economics. He has managed both Faculty and Student Housing Services at UH Manoa for several years.

2. The project will be bid as a Design/Build project which will be overseen by the Standing Architectural/Building Committee of the FilCom Center.

See attached Organization Chart.

### **III. Service Summary and Outcomes.**

1. **Describe the Scope of Work, Tasks and Responsibilities.**

To design, furnish, construct and install a complete Solar Electric Energy System designed for the FilCom Center as shown in the attached Schematic. The President assisted by the Architectural/Building Committee will oversee the project. The estimated cost of the project is about \$500,000.

2. **Time Table** – It is estimated that the project can be completed within 6 months from the time the funds are released.

### **IV. Financial.**

1. The estimated total costs of the project is \$500,000 including \$40,000 for project management/contingency.

See attached proposals/cost estimates.

**BUDGET REQUEST BY SOURCE OF FUNDS**  
(Period: July 1, 2011 to June 30, 2012)

Applicant: The Filipino Community Center, Inc.

<b>BUDGET CATEGORIES</b>	<b>Total State Funds Requested (a)</b>	(b)	(c)	(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 Project Management	\$25,000			
10 Contingency	15,000			
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>	460,000			
<b>TOTAL (A+B+C+D+E)</b>	500,000			
<b>SOURCES OF FUNDING</b>		[REDACTED]		
(a) Total State Funds Requested	500,000	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><u>G. O. Arre, Jr.</u> Name (Please type or print)</p> <p>_____ Signature of Authorized Official</p> </div> <div style="width: 35%;"> <p>_____ Phone</p> <p>_____ Date</p> </div> </div>		
(b)				
(c)				
(d)				
<b>TOTAL BUDGET</b>	500,000	<p><u>G.O. Arre, Jr., President &amp; COO</u> Name and Title (Please type or print)</p>		



**FILIPINO COMMUNITY CENTER**

94-428 MOKUOLA STREET  
WAIPAHU, HI 96797

68.45 kW DC  
(31.265kW @ 135° Az)  
(37.185kW @ 225° Az)

Roof Mounted  
Micro Inverter  
InterNet Monitoring

**Estimated PV Production**

114,428 kWh per year  
Approx 40% of Existing Usage

**Estimated Price**

**\$ 350,177 Plus Tax**  
(\$ 5.11 / Watt DC)

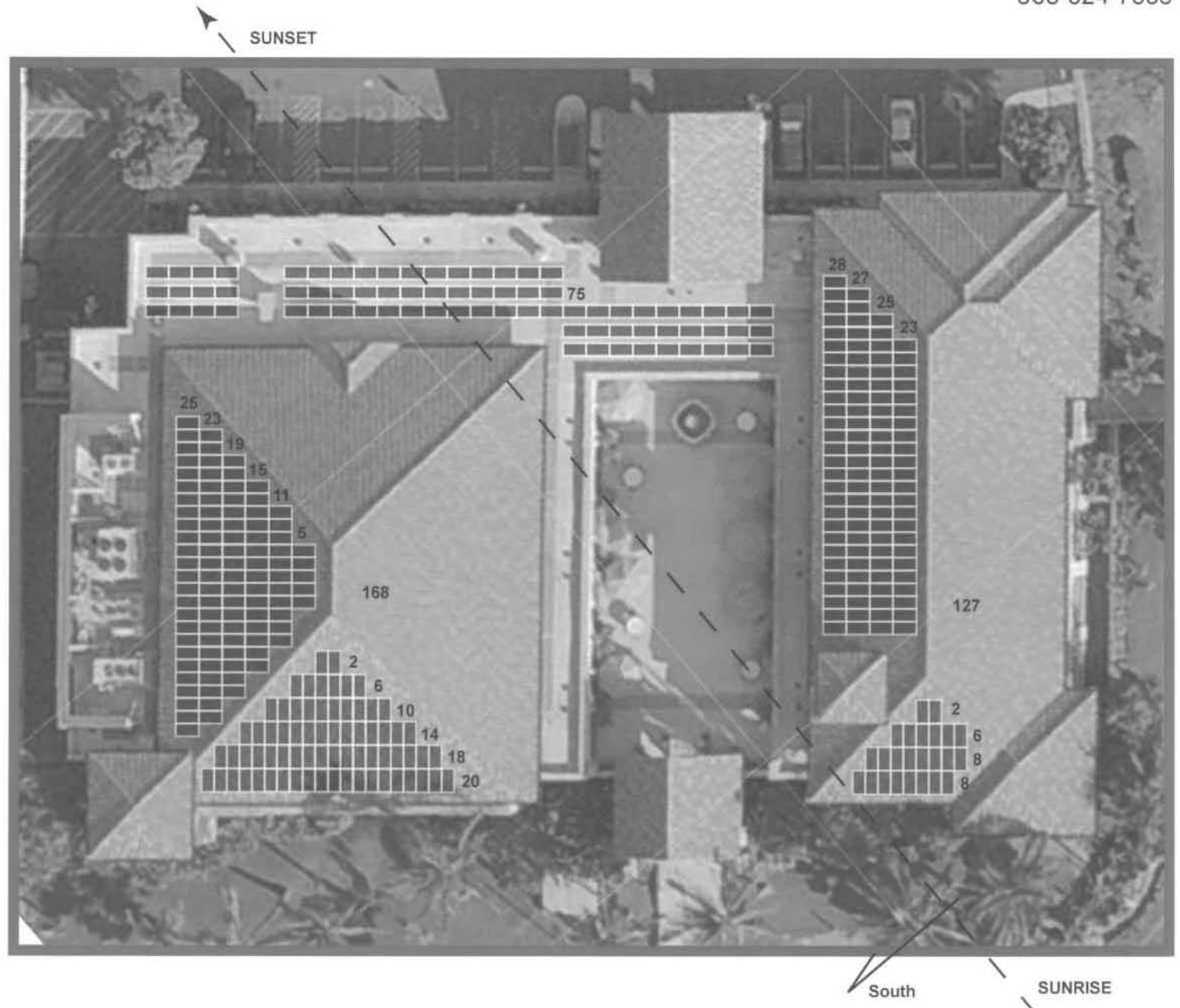
Includes Removal of Tile  
under PV, Asphalt Shingle  
install and flash PV, then  
replace tile on perimeter of PV

25 yr warranty Modules  
15 yr warranty Inverters

**FILCOM STATS**

282,240 kWh Usage / Yr.  
23,500 Avg kWh per Mnth.

kWh Rate \$ 0.212  
Demand Rate \$ 8.50 / kWh



COMMERCIAL PHOTOVOLTAIC INITIAL PROPOSAL

**FILIPINO COMMUNITY CENTER**

94-428 MOKUOLA STREET  
 WAIPAHU, HI 96797

68.45 kW DC  
 ( 31.265kW @ 135° Az )  
 ( 37.185kW @ 225° Az )

Roof Mounted  
 Micro Inverter  
 InterNet Monitoring

**Estimated PV Production**

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**FILCOM STATS**

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808-524-7336



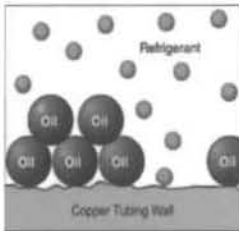
Station Identification		Results			
City:	Honolulu	Month	Solar Radiation (kWh/m <sup>2</sup> /day)	AC Energy (kWh)	Energy Value (\$)
State:	Hawaii	1	4.62	3694	668.61
Latitude:	21.33° N	2	5.19	3740	676.94
Longitude:	157.92° W	3	5.73	4548	823.19
Elevation:	5 m	4	5.76	4407	797.67
<b>PV System Specifications</b>		5	6.27	4956	897.04
DC Rating:	31.3 kW	6	6.27	4784	865.90
DC to AC Derate Factor:	0.900	7	6.29	4941	894.32
AC Rating:	28.1 kW	8	6.32	4939	893.96
Array Type:	Fixed Tilt	9	6.28	4757	861.02
Array Tilt:	18.0°	10	5.40	4296	777.58
Array Azimuth:	135.0°	11	4.77	3685	666.99
<b>Energy Specifications</b>		12	4.52	3615	654.32
Cost of Electricity:	18.1 ¢/kWh	Year	5.62	52362	9477.52



Station Identification		Results			
City:	Honolulu	Month	Solar Radiation (kWh/m <sup>2</sup> /day)	AC Energy (kWh)	Energy Value (\$)
State:	Hawaii	1	4.54	4320	781.92
Latitude:	21.33° N	2	5.28	4562	825.72
Longitude:	157.92° W	3	5.69	5386	974.87
Elevation:	5 m	4	5.86	5340	966.54
<b>PV System Specifications</b>		5	6.11	5723	1035.86
DC Rating:	37.2 kW	6	6.13	5561	1006.54
DC to AC Derate Factor:	0.900	7	6.24	5854	1059.57
AC Rating:	33.5 kW	8	6.38	5946	1076.23
Array Type:	Fixed Tilt	9	6.28	5659	1024.28
Array Tilt:	18.0°	10	5.44	5144	931.06
Array Azimuth:	225.0°	11	4.77	4363	789.70
<b>Energy Specifications</b>		12	4.43	4208	761.65
Cost of Electricity:	18.1 ¢/kWh	Year	5.60	62066	11233.95

# IceCOLD<sup>®</sup> Catalyst

*Saving Electricity, Expense, and The Environment*



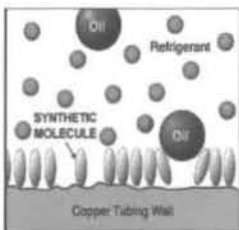
Oil layer attached to heat exchanger wall impeding heat transfer.

Cooling and refrigeration systems introduce compressor oil into the refrigerant which then circulates throughout the cooling system. Oil fouling degrades heat exchange and system performance by up to 75% due to the insulating properties of compressor oils.



IceCOLD<sup>®</sup> dramatically reduces energy consumption and the costs associated with commercial air conditioning and refrigeration. Equipment produces up to 5 degree colder return air with electricity cost savings of 20%+ while further cutting operating costs by extending equipment life and reducing maintenance costs.

All refrigeration compressor oils available today (Mineral, alkylbenzene, EsterPOE, PAG, PVE and synthetic) cause oil fouling in refrigeration tubing (metallic and nonmetallic) which degrades heat transfer and equipment efficiency.



Synthetic Molecules Break Surface Tension, Releasing Oil Globules, Improves Heat Exchange 73%

## IceCOLD<sup>®</sup> Solution:

- ❖ Removes Oil Fouling
- ❖ Improves heat exchange
- ❖ Produces colder return air
- ❖ Increases oil lubricity
- ❖ Reduces oxidation

## IceCOLD<sup>®</sup> Benefits:

- ❖ Reduces electricity consumption
- ❖ Reduces maintenance
- ❖ Reduces compressor run time
- ❖ Reduces CO<sup>2</sup> contribution
- ❖ Extends equipment life

**Cuts Your Cooling Expense**  
**10% OR**  
**Your PO is Cancelled**

## IceCOLD<sup>®</sup> ROI:

- ❖ 5 year ROI >600%
- ❖ Payback within treatment year
- ❖ Lasts the life of the system
- ❖ Environmentally friendly
- ❖ Non-toxic and non-hazardous
- ❖ Antioxidant and lubricity agent
- ❖ Synthetic ionic catalyst

- ❖ Compatible with all refrigerants (SAE J270)
- ❖ 100% Chlorine free
- ❖ Tested by: NIST, ASHRAE, SAE, ARI, FEMP
- ❖ Manufactured to ISO 9000 standards

For More Information, Call:

**808-52 GREEN**

808-524-7336



Another *Sustainable* Energy Solution from

**HAWAII ENERGY CONNECTION<sup>™</sup>**  
Sustainable Energy Solutions  
[www.HawaiiEnergyConnection.com](http://www.HawaiiEnergyConnection.com)



Aloha Tess,

Jan. 27<sup>th</sup> 2011

The Filipino Community Center flat roof is a TPO Single Ply Membrane. The approximate square footage is 10,000 sq. ft. A rough estimate would be about \$100,000.00 to \$110,000.00 for re-roofing.

Mahalo,

Henry R. Kahue Jr.



**DECLARATION STATEMENT  
APPLICANTS FOR GRANTS AND SUBSIDIES  
CHAPTER 42F, HAWAII REVISIED 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.

The Filipino Community Center, Inc.

(Typed Name of Individual or Organization)



(Signature)

Jan. 28, 2011

(Date)

Geminiano Q. Arre, Jr.

(Typed Name)

President & COO

(Title)

# FilCom Center Organizational Chart

