

House District 4

Senate District 1

**THE TWENTY-EIGHTH LEGISLATURE
APPLICATION FOR GRANTS
CHAPTER 42F, HAWAII REVISED STATUTES**

Log No:

For Legislature's Use Only

Type of Grant Request:

GRANT REQUEST - OPERATING

GRANT REQUEST - CAPITAL

"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.

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

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:
Arts & Sciences Center
Dbn:

Street Address: 15-1397 Homestead Rd, Pahoa, HI - NO USPS delivery

Mailing Address: PO Box 2091, Pahoa, HI 96778

2. CONTACT PERSON FOR MATTERS INVOLVING THIS APPLICATION:

Name Gail Clarke

Title President

Phone # 808-938-2933

Fax # 808-965-3733 (HAASPCS)

E-mail ascpuna@gmail.com

3. TYPE OF BUSINESS ENTITY:

- NON PROFIT CORPORATION INCORPORATED IN HAWAII
- FOR PROFIT CORPORATION INCORPORATED IN HAWAII
- LIMITED LIABILITY COMPANY
- SOLE PROPRIETORSHIP/INDIVIDUAL
- OTHER

4. FEDERAL TAX ID #: [REDACTED]

5. STATE TAX ID #: [REDACTED]

6. DESCRIPTIVE TITLE OF APPLICANT'S REQUEST:

In an effort to support public safety at our existing facility, ASC is requesting GIA funding to (1) help mitigate the impact of the VOG, (2) install a solar energy system for our modular kitchen and (3) get a Preliminary Engineering Report (PER) for improving drainage and safety in our gravel parking lot.

7. AMOUNT OF STATE FUNDS REQUESTED:

FISCAL YEAR 2017: \$ 409,076

8. STATUS OF SERVICE DESCRIBED IN THIS REQUEST:

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

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

STATE \$ 0

FEDERAL \$ 0

COUNTY \$ 0

PRIVATE/OTHER \$ 0

TYPE NAME & TITLE OF AUTHORIZED REPRESENTATIVE:

[REDACTED]

Gail Clarke, president & CEO ASC

1-21-2016

AUTHORIZED SIGNATURE

NAME & TITLE

DATE SIGNED



ability to continue providing safe learning environments and facilities in this geographically isolated, economically disadvantaged community.

2. The goals and objectives related to the request;

Goal: ASC will take actions to maintain and improve community facility operations and make alterations to the campus in effort to mitigate the volcanic hazard and potentials.

Objective 1: Install high quality air conditioning and HEPA filtration units in 10 rooms and offices including an upgrade to the electrical system to handle the load.

Objective 2: Install solar panels, an energy storage system and back-up power generation (generator) for the modular kitchen for long term energy sustainability and protection from potential power loss.

Objective 3: Engage an engineer to do a Preliminary Engineering Report (PER) with a design, and anticipated installation of 8-10 drywells as well as significant grading to reduce flooding and standing water in the existing gravel parking lot used by visitors to the facility.

3. The public purpose and need to be served;

East Hawaii communities, according to research, rank among the poorest in health status outcomes and highest health disparity rates in the state for socioeconomic risks, poverty, unemployment, household financial aid, and low birth weight rates. Additionally, research indicates that children living in this area are at risk for a number of social determinants of educational and social failure, with minimal access to healthcare services, and living within communities that have high incidence of crime, drug and alcohol abuse, violence, and child abuse and neglect. These problems may be exacerbated by a lack of employment opportunities and the unpredictable impacts of Pu'u O'o Vent Lava Flow. Families living in this area face challenges in accessing public services including transportation and education. ASC's capital improvement request aims to mitigate air quality for facility occupants and power loss for the kitchen so that the facilities can continue to service the community. The parking lot improvements increase overall safety for all users of the facility including over 500 Puna families.

4. Describe the target population to be served; and

Current enrollment data of ASC's public partner HAASPCS indicates that at minimum ASC is facilitating educational service for 580 k-12 students in East Hawaii. Afterschool, evenings and weekends, several community groups regularly meet at the facility and ASC has hosted HCC Running Start and adult continuing education classes. Further, ASC's main campus serves as the office space for the faculty and administration of HAASPCS which has a nearly 3 million dollar payroll per year serving more than 80

employees. The requested Capital Improvement projects will enable ASC to continue effectively serving students, faculty, staff and the community.

5. Describe the geographic coverage.

ASC is located in and serves Hawaii County, mainly Puna communities (2010 Census for zipcodes 96778 Pop=14,409, 96749 Pop=17,647). The community is comprised of residents living in widespread subdivisions sprawling from Kalapana, Seaview, Opi'ikau, Leilani Estates, Nanawale, Black Sands, Hawaiian Paradise Park, Orchidland Estates, Ainaloa, Hawaiian Beaches, Kapoho, Wa'awa'a, Papaya Farms Lots to Keaau & Mt. View. This area is geographically isolated, sparsely populated and remains subject to the unpredictable path of Lava. ASC will work diligently to continue to provide services for this area.

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. The applicant shall:

1. Describe the scope of work, tasks and responsibilities;

Capital Improvements:

ASC's staff and Board of Directors will plan for and provide a open bid for contracted services for the installation of high quality air conditioning units and HEPA filtration for the current buildings and classrooms on the main campus.

ASC will plan for an open bid for the installation of solar power improvements for the modular kitchen in order to maintain food quality and continue to lower energy costs for food services. A self-sustaining modular kitchen has an incredible potential community benefit in the event that energy services should be. A supplemental water tank is already in place.

ASC will issue an RFP for a PER to improve drainage in the parking lot that is predicted to include 8-10 drywells and significant grading that will also be bid upon and completed.

2. Provide a projected annual timeline for accomplishing the results or outcomes of the service;

Receipt of funding Anticipated: July 2016

FY July 2016-2017: ASC plans to maintain operations and continue to provide and improve infrastructure and facilities for community based learning.

Quarter 1: July-September 2016- Engage a project manager for funded projects.

Air Quality Measures - complete research on creating 'safe rooms' in public venues, started in September 2014, and process RFP for equipment and installation. Project coordination and bookkeeping by ASC staff and contracted professionals.

Contract for purchase and installation of High Quality Air Conditioning and HEPA filtration units to mitigate for air quality issues resulting from volcanic emissions.

Prepare and process an RFP for an off-grid solar system for the modular kitchen.

Contract for a PER with a design to improve the parking lot.

Quarter 2: Oct-Dec- Solar Panel Installation for the Modular Kitchen (Electrical work),

Quarter 3: Jan-Mar: AC and Solar Project Completion

Quarter 4: Mar-Jun/Jul: Summer – install drywells in parking lot and grade for drainage to completion. Project Manager completes reports.

3. **Describe its quality assurance and evaluation plans for the request. Specify how the applicant plans to monitor, evaluate, and improve their results; and**

ASC will contract a Project Manager to ensure compliance with the terms of the GIA grant, closely monitor progress per the timeline and support reporting on the project. Health and safety standards will be met.

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.**

Measures of effectiveness:

1. Number of days facility is available for occupancy (target 365/year).
2. Completed capital improvements within the projected timeline.
 - A) Installed and operational air conditioners.
 - B) Installed and operational solar panels with inverters and energy storage systems.
 - C) Improved parking lot drainage and safety

III. Financial

Budget

1. The applicant shall submit a budget utilizing the enclosed budget forms as applicable, to detail the cost of the request. See appendix
2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2017.

Project	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
AC/Filters	46,484	374	374	374	47,606
Solar	44,622	161,672	1,872	1,872	210,038
Parking Lot	16,938	1,498	1,498	131,498	151,432
Total	108,044	163,544	3,744	133,744	\$409,076

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2017.
 - a USDA Rural Development \$3-4 million
 - b Private foundations for programs and organizational capacity – tbd \$25-125k
 - c Donations
 - d Rental fees for community events
4. The applicant shall provide a listing of all state and federal tax credits it has been granted within the prior three years. Additionally, the applicant shall provide a listing of all state and federal tax credits they have applied for or anticipate applying for pertaining to any capital project, if applicable.
NOT APPLICABLE
5. The applicant shall provide a listing of all federal, state, and county government contracts and grants it has been and will be receiving for program funding.
 - a \$140,000.00 Rental income from public partner HAASPCS.
 - b \$9,000.00 (15-16FY) Grant- County of Hawaii
6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2015.

Arts & Sciences Center
Unrestricted Current Assets
12/31/2015

Current Assets

Bank of Hawaii Checking	29,187.61
Bank of Hawaii Savings	8,140.21
First Hawaiian Checking	104.28
ASC Paypal	98.40
Hope for HAAS Paypal	4,096.97
Petty Cash	169.77

Total Cash	41,797.24
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A/R County Grant FY15-16	4,500.00
Contributed assets	2,400.00
Kawasaki Mule farm vehicle	8,750.01

Total Other Assets	15,650.01
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Total Current Assets	57,447.25
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Minus Temp. Restricted	(32,761.84)
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Unrestricted Current Assets	<u>24,685.41</u>
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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.

ASC has twelve years of experience developing and making capital improvements to its community learning facility, valued in 2008 at \$2.2 million. ASC has maintained all the legal and regulatory requirements for 501c3 status and has audited financial statements since 2006. ASC will use open bid and contract qualified service providers for the capital improvement projects. ASC has also managed improvements to the property with private grant funds restricted to specific projects. A long time general contractor is an advisor to ASC.

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.

ASC received zoning changes in the form of a Special Permit to allow educational activities from the County of Hawaii Windward Planning commission and currently provides a facility equipped with 6 buildings and a modular kitchen on a 10 acre property situated adjacent to Pahoa town off of State HWY 130. Facilities include a pavilion suited for community meetings, 13 classrooms, gardens, a greenhouse, playing fields, a mac nut orchard and office space.

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.

ASC has established fiscal management practices including a contracted bookkeeper and annual external auditor. This past year ASC has expanded capacity for project coordination with the part-time Program Specialist position. The board and staff understand and have experience with public procurement and construction project management as evidenced by our beautiful facility in Pahoa. ASC contracts via fair hiring processes for labor and professional services as needed to meet requirements for health and safety at our facilities.

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 organization chart that illustrates the placement of this request.

Currently ASC operates primarily upon the work of a Volunteer Board of Directors:
 List of Current Directors – *all may be reached via ASC PO Box and email, all are residents of Hawaii County. Updated: July 2015 (2 year staggered terms, renewed each May)

Name	Position	Occupation
Gail Clarke	Director / President since 2003	Resource Developer, HAAS Public Charter School
Heidi Hanza	Director (2013) / Secretary	Teacher, HAAS PCS
Gail Loeffler	Director (2004)/ Treasurer (2014)	Retired Teacher, entrepreneur, Founder of HAAS PCS
Suzette Ridolfi	Director	Language teacher, entrepreneur and community volunteer
Jacqueline Benton Ching	Director	Retired pre-school specialist, educator and community volunteer

This year is the first year we have one paid employee working as follows;

- Leah Gouker PT Program Specialist, Grant Proposal Developer & Consultant

Performs various organizational tasks including research and development for program development. No supervisory responsibilities at this time. Reports to ASC Board of Directors.

- Patricia Lightcap provides weekly contracted bookkeeping services.
- Annual audit by Carbonaro CPA and Associates

C. Compensation

The applicant shall provide the annual salaries paid by the applicant to the three highest paid officers, directors, or employees of the organization by position.

Current annual salary for PT Program Specialist Position: \$6600.00 per year with a 20 hour per month at \$20.00/ hr compensation rate. Additional hours are compensated as needed to meet demands of funding and funded proposals including Project Development and Coordination.

All other Directors perform their duties without compensation.

The proposed salaries for the personnel requests in the GIA application will follow the Fair Compensation Rates Developed by the State for similar positions.

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.

NOT APPLICABLE. ASC has no pending litigation.

B. Licensure or Accreditation

The applicant shall specify any special qualifications, including but not limited to licensure or accreditation that the applicant possesses relevant to this request.

ASC has a ten year history of IRS determination as a 501 c 3 not-for-profit organization providing infrastructure and support for community based learning.

Evidenced by:

- Bylaws, Articles of Incorporation
- IRS Determination Letters (2003, 2008)
- Audited Financial Documents

C. 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.

NOT APPLICABLE – ASC works closely with HAAS, a Public Charter School

D. Future Sustainability Plan

The applicant shall provide a plan for sustaining after fiscal year 2016-17 the activity funded by the grant if the grant of this application is:

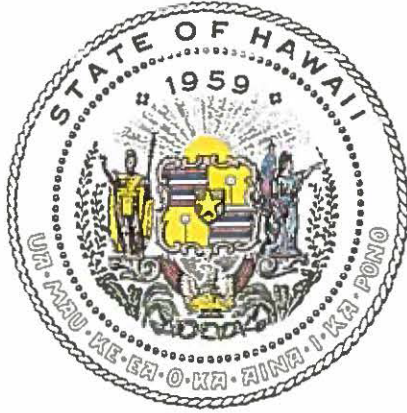
- (1) **Received by the applicant for fiscal year 2016-17, but**
- (2) **Not received by the applicant thereafter.**

ASC will provide routine repairs and maintenance from general funds and develop a plan for fee for service opportunities and support the development and use of the modular kitchen, classrooms and offices. The requested projects will be complete with the funding requested.

E. 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, 2015.

Attached: January 20, 2016 See appendix



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

ARTS & SCIENCES CENTER

was incorporated under the laws of Hawaii on 07/30/2003 ; 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 20, 2016



Director of Commerce and Consumer Affairs



BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2016 to June 30, 2017

Applicant: Arts & Science Center

BUDGET CATEGORIES	Total State Funds Requested (a)	Total Federal Funds Requested (b)	Total County Funds Requested (c)	Total Private/Other Funds Requested (d)
A. PERSONNEL COST				
1. Salaries	14,400		4,800	
2. Payroll Taxes & Assessments	576		192	
3. Fringe Benefits				
TOTAL PERSONNEL COST	14,976		4,992	
B. OTHER CURRENT EXPENSES				ASC
1. Airfare, Inter-Island				
2. Insurance				4,847
3. Lease/Rental of Equipment				
4. Lease/Rental of Space				
5. Staff Training				
6. Supplies				
7. Telecommunication				yes
8. Utilities				yes
9. Accounting / Bookkeeping	1,100			11,000
10				
TOTAL OTHER CURRENT EXPENSES	1,100			15,847
C. EQUIPMENT PURCHASES - AirQuality	34,000			
C. EQUIPMENT PURCHASES - Solar Sys	181,800			
D. MOTOR VEHICLE PURCHASES	0			
E. CAPITAL - Air Quality w Utility upgrade	12,000			
E. CAPITAL - Solar System	20,200			
E. CAPITAL - Parking Lot Drainage	145,000			
TOTAL (A+B+C+D+E)	409,076		4,992	15,847
SOURCES OF FUNDING		Budget Prepared By: 808 -		
(a) Total State Funds Requested	409,076	<i>Gail Clarke & staff</i> 938.2973		
(b) Total Federal Funds Requested		[REDACTED]		
(c) Total County Funds Requested	4,992			
(d) Total Private/Other Funds Requested	15,847			
TOTAL BUDGET	429,915	Signature of Authorized Official: <i>Gail Clarke - Pres & EO ASC</i> Date: _____ Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2016 to June 30, 2017

Applicant: Arts & Sciences Center

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Project Manager	0.25	\$14,400.00		\$ -
Air Quality project			10.00%	\$ 1,440.00
Solar System project			50.00%	\$ 7,200.00
Parking Lot drainage project			40.00%	\$ 5,760.00
				\$ -
Program Specialist pd by ASC's County Grant	0.125		10.00%	\$ -
				\$ -
Contracted Accounting and Bookkeeping			10.00%	\$ 1,100.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				15,500.00
JUSTIFICATION/COMMENTS:				
Project Manager will develop RFPs, conduct bid process, engage contractors, manage budget, oversee and report to ASC board and State on projects progress. Program Specialist will facilitate communications to the board and continue to assist with fund development.				

BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2016 to June 30, 2017

Applicant: Arts & Sciences Center

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
Air Conditioners - appendix	10.00	\$3,000.00	\$ 30,000.00	
HEPA filtration units - 2/rm	20	\$200.00	\$ 4,000.00	
Solar Energy System - see appendix	1	\$126,000.00	\$ 126,000.00	
Energy Storage System	1	\$36,000.00	\$ 36,000.00	
Back-up Propane Generator	1	\$19,800.00	\$ 19,800.00	
TOTAL:	33		\$ 215,800.00	
JUSTIFICATION/COMMENTS:				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS:				

BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2016 to June 30, 2017

Applicant: Arts & Sciences Center

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: 2014-2015	FY: 2015-2016	FY: 2016-2017	FY: 2016-2017	FY: 2017-2018	FY: 2018-2019
PLANS & Management			16,076			
LAND ACQUISITION			0			
DESIGN			5,000			
CONSTRUCTION			172,200			
EQUIPMENT			215,800			
TOTAL:			409,076			
JUSTIFICATION/COMMENTS: <i>my excel did not like this form...</i>						

GOVERNMENT CONTRACTS AND / OR GRANTS

Appr

Arts & Sciences Center

Contracts Total:

9,000

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S. / State / Haw / Hon / Kau / Mau)	CONTRACT VALUE
1	County of Hawaii non-profit grant for community based learning	7/1/2015-6/30/2016	Non-Profit grants	Hawaii County	9,000
2					
3					
4					
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All | honeywell 50250-s

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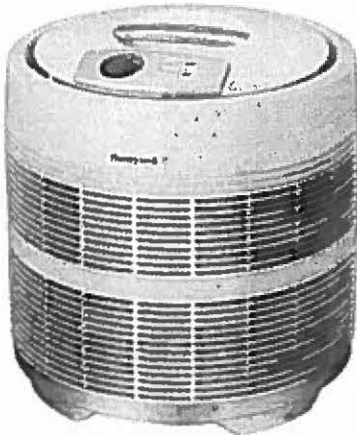
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Honeywell 50250-S 99.97% Pure HEPA Round Air Purifier

by Kaz

2,435 customer reviews

386 answered questions

List Price: ~~€240.99~~
Price: **\$158.99**
You Save: \$52.00 (25%)

In Stock.
Ships from and sold by Amazon.com.

Size: **1-Pack**

- Round air purifier or larger rooms (up to 390 square feet in size)
- True HEPA filter removes 99.97 percent of common airborne pollutants as small as 0.3 microns
- Glass-fiber HEPA material also helps remove airborne particles, viruses and bacteria
- 360-degree airflow, 3 speeds, carbon pre-filter, its a standard 120v wattage plug
- Measures 18 by 18 by 19 inches; 5-year limited warranty

59 new from \$143.50 | 9 used from \$131.17



Share

Buy new: **\$158.99**

Qty: 1

- Include 2 Additional Years of Protection for \$14.60
- Include 1 Additional Year of Protection for \$12.44

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Ship to:
Arts & Sciences C- Pahoa

Buy used: **\$131.17**

Add to List

Other Sellers on Amazon

\$189.00 Add to Cart
+ Free Shipping
Sold by IssaraFlower


\$195.31 Add to Cart
+ Free Shipping
Sold by PORTABLE GUY

\$195.40 Add to Cart
+ Free Shipping
Sold by Tri State Camera

68 used & new from \$131.17

Have one to sell? Sell on Amazon

Sponsored by Airocide

 Airocide - NASA Air Purifier for allergies, asthma
104
\$599.00

Ad feedback

Frequently Bought Together



Total price: **\$208.75**

Add all three to Cart

Add all three to List

- This Item: Honeywell 50250-S 99.97% Pure HEPA Round Air Purifier \$158.99
- Honeywell Universal Carbon Air Purifier Replacement Pre-Filter, HRF-AP1 / Filter (A) \$9.94
- Honeywell True HEPA Replacement Filter, HRF-R2 - 2 Pack \$39.82

Customers Who Bought This Item Also Bought

Hilo Mechanical Inc.

50 Holomua Street
Hilo, HI 96720

Date

Proposal #

11/5/2014

14016

*Bro Stands Jan 2016
JEE*

Phone # 808-961-3882 Fax # 808-935-8313

E-mail hilomech@hawaii.rr.com

Name / Address

- ASC Facility -

Job Location

HAWAII ACADEMY OF ARTS & SCIENCE
PO. BOX 1494
PAHOA, HAWAII 96778
PH: 965-3730

JOB: A/C SPLITS
PROPOSAL BY: GEORGE MURASHIGE
ATTN: STEVE

Terms/Billing steps	net 30
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We Hereby Submit Estimate For

- 5 - FUJITSUS WALL-MOUNTED DUCT-FREE SPLIT-SYSTEM, MODEL # 24CL1 24,000 BTU. COOLING
- 2 - FUJITSUS WALL-MOUNTED DUCT-FREE SPLIT-SYSTEM, MODEL # 18CL 18,000 BTU. COOLING
- 3 - FUJITSUS WALL-MOUNTED DUCT-FREE SPLIT-SYSTEM, MODEL # 30CLX1 30,000 BTU. COOLING

VIA: HONOLULU THRU YB. ALLOW 1 1/2 WEEKS

LABOR CHARGE

PRICE DOES NOT INCLUDE ELECTRICAL WORK

FURNISH ,DELIVERY, & INSTALL

Total	\$30,200.64
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This proposal is good for 30 days unless stated otherwise. All material is guaranteed to be as specified. All work is to be completed in a workmanlike manner according to standard practices. Any alterations or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry all necessary and appropriate insurance. Our workers _____'s Compensation Insurance.

HMI AUTHORIZED SIGNATURE _____

DATE 11/5/14

CUSTOMER AUTHORIZING SIGNATURE _____

DATE _____

KAIZEN ENERGY SOLUTIONS RENEWABLE ENERGY SYSTEM

For ASC

OVERVIEW

KaiZen Energy Solutions is pleased to submit this proposal for services to support ASC in achieving its goals for improving Energy Independence and Back Up Energy for the community facility that serves Hawaii Academy of Arts and Science PCS and community groups through a Renewable Energy System focused on Photovoltaics.

The Objective

The purpose of the Solar Energy System is to:

- Provide Energy to a portion of the ASC facility during power outages
- Reduce chances of food thawing in Commercial Kitchen and maintain use of kitchen at all times
- Increase exposure to Sustainable Energy Methods for HAAS students and community members
- Reduce Overall Energy Costs

The Opportunity

A Solar Energy System to energize the ASC Commercial Modular Kitchen and use some of the production to offset campus energy consumption

- Goal #1: Complete Design of System
- Goal #2: Install System within 2015 *Bid stands 1/2016 KEC*
- Goal #3: Demonstrate system to ASC & HAAS Onsite personnel.
- Goal #4: Demonstrate system to HAAS Students in a Solar Celebration

The Solution

A Renewable Energy System with optional Energy Storage System with a 48kW Propane Generator Back Up

- Recommendation #1: Photovoltaic Energy System positioned over the Commercial Kitchen
- Recommendation #2: Energy Storage System in a secured housing unit also housing the additional Renewable Energy Equipment
- Recommendation #3: 48 kW Propane Generator for back up to Commercial Kitchen and provide additional Emergency Power to ASC community facility.

SOLAR ENERGY PROPOSAL

Below is an Initial Estimation of Costs for the Solar Energy System for ASC.

- Solar Energy System: \$140,000
- Energy Storage System \$40,000
- Propane Generator \$22,000
- o Full Project Implementation: \$202,000