

**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:

Maui Economic Development Board, Inc.

Amount of State Funds Requested: \$ 550,000

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

The mission of STEMworks™ (Hawaii's leading service-learning program) is to provide Hawaii's students and teachers with resources, cutting-edge technical tools, and inspiration to empower them to improve their community and the world. Our purpose is to build the state's workforce and entrepreneurial talent through a layered approach. The proposed project expands opportunities for teachers and students to be exposed to, explore, and become immersed in STEM career pathways through a multifaceted professional development, career awareness, and work-based learning plan.

Amount of Other Funds Available:

State:                      \$ 600,000

Federal:                      \$ 337,165

County:                      \$ 510,887

Private/Other: \$ 803,133

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

\$ 1,756,490

Unrestricted Assets:

\$ 11,241,776

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:

1305 N. Holopono Street, Suite 1

City:    State:    Zip:

Kihei    HI    96753

Contact Person for Matters Involving this Application

Name:  
Leslie Wilkins

Title:  
President and CEO

Email:  
leslie@medb.org, cc: michelle@medb.org

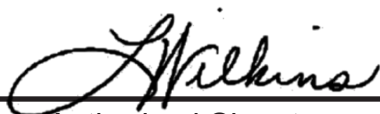
Phone:  
808-280-0376

Federal Tax ID#:

[REDACTED]

State Tax ID#

[REDACTED]



Authorized Signature

Leslie Wilkins, President and CEO

Name and Title

01/19/2024

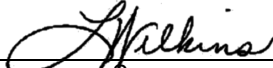
Date Signed

## 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) Hawaii Compliance Express Certificate (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

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	LESLIE WILKINS, PRESIDENT AND CEO	JANUARY 19, 2024
AUTHORIZED SIGNATURE	PRINT NAME AND TITLE	DATE

ATTACHMENT I.1.



STATE OF HAWAII  
STATE PROCUREMENT OFFICE

**CERTIFICATE OF VENDOR COMPLIANCE**

This document presents the compliance status of the vendor identified below on the issue date with respect to certificates required from the Hawaii Department of Taxation (DOTAX), the Internal Revenue Service, the Hawaii Department of Labor and Industrial Relations (DLIR), and the Hawaii Department of Commerce and Consumer Affairs (DCCA).

**Vendor Name:** MAUI ECONOMIC DEVELOPMENT BOARD, INC.

**DBA/Trade Name:** MAUI ECONOMIC DEVELOPMENT BOARD, INC.

**Issue Date:** 01/19/2024

**Status:** **Compliant**

Hawaii Tax#: [REDACTED]

New Hawaii Tax#:

FEIN/SSN#: XX-XXX6377

UI#: XXXXXX5488

DCCA FILE#: 51096

Status of Compliance for this Vendor on issue date:

Form	Department(s)	Status
A-6	Hawaii Department of Taxation	Compliant
8821	Internal Revenue Service	Compliant
COGS	Hawaii Department of Commerce & Consumer Affairs	Exempt
LIR27	Hawaii Department of Labor & Industrial Relations	Compliant

**Status Legend:**

Status	Description
Exempt	The entity is exempt from this requirement
Compliant	The entity is compliant with this requirement or the entity is in agreement with agency and actively working towards compliance
Pending	A status determination has not yet been made
Submitted	The entity has applied for the certificate but it is awaiting approval
Not Compliant	The entity is not in compliance with the requirement and should contact the issuing agency for more information

**SEE ATTACHMENT I.2.**  
**DECLARATION STATEMENT OF**  
**APPLICANTS FOR GRANTS PURSUANT TO**  
**CHAPTER 42F, HAWAI'I REVISED 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, Hawai'i 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, Hawai'i 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; and
- 3) If the applicant is a non-profit organization, it meets the following requirements pursuant to Section 42F-103, Hawai'i 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.
- 4) The use of grant-in-aid funding complies with all provisions of the Constitution of the State of Hawaii (for example, pursuant to Article X, section 1, of the Constitution, the State cannot provide "... public funds ... for the support or benefit of any sectarian or nonsectarian private educational institution...").

Pursuant to Section 42F-103, Hawai'i 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.

Maui Economic Development Board, Inc.  
(Typed Name of Individual or Organization)

  
(Signature)

January 16, 2024  
(Date)

Leslie Wilkins  
(Typed Name)

President and CEO  
(Title)

**Grant in Aid - Fiscal Year 2025**

**Submitted by:  
Maui Economic Development Board, Inc.  
STEMworks™ Program**

**Point of Contact: Leslie Wilkins  
808-875-2337  
leslie@medb.org**

**MEDB STEMworks™  
1305 N. Holocono St. Suite 1  
Kihei, HI 96753**

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

### **1. Hawai'i Compliance Express Certificate**

If the applicant is an organization, the applicant shall submit one (1) copy of a Hawai'i Compliance Express Certificate from the Comptroller of the Department of Accounting and General Services that is dated no earlier than December 1, 2023.

SEE ATTACHMENT I.1.

### **2. Declaration Statement**

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

SEE ATTACHMENT I.2.

### **3. Public Purpose**

The mission of STEMworks™ (Hawaii's leading service-learning program) is to provide Hawai'i's students and teachers with resources, cutting-edge technical tools, and inspiration to empower them to improve their community and the world. Our purpose is to build the state's workforce and entrepreneurial talent through a layered approach. The proposed project expands opportunities for teachers and students to be exposed to, explore, and become immersed in STEM career pathways through a multifaceted professional development, career awareness, and work-based learning plan.

## **II. Background and Summary**

### **1. Applicant Background**

The applicant, Maui Economic Development Board (MEDB), was established in 1982 as a private, not-for-profit 501(c)3 organization. Its mission is to provide leadership and vision in the state for the responsible design and development of a strong and diversified economy. MEDB has worked to develop and support high growth and high wage innovation industries while building a qualified, resident workforce to meet the demands of Hawai'i's growing and emerging technical sectors and support entrepreneurship within the sector. Funded in part by the U.S. Departments of Education and Commerce (EDA), the Office of Naval Research, industry and private donors, and the County of Maui, MEDB is led by a Board of Directors, whose board members include leaders from academia and government and who represent a cross section of the state's industry sectors, including emerging STEM fields. The Board made the strategic commitment to dedicate half of the organization's annual \$9 million budget each year towards strengthening the state's science, technology, engineering, and math (STEM) education-to-workforce pipeline to align with economic development goals.

In 1999, MEDB launched the Women in Technology project (WIT), now known as STEMworks™, which has been at the forefront of developing progressive, work-based learning K-12 educational initiatives that build and strengthen the state's STEM education-to-workforce pipeline. STEMworks has developed an equity-centered and place-based education model that reflects Hawai'i's rich demographic diversity, with a

focus on encouraging more girls, Native Hawaiians, and other underrepresented groups to pursue STEM careers.

The use of project-based, service learning, career exploration events, and work-based learning have been the foundation for STEMworks' engagement with Hawai'i's diverse student population. From kindergarten to twelfth grade, Students develop career-ready skills in areas such as cybersecurity, digital media and graphic design, healthcare, drone technologies, circuitry and hardware, computer science and coding, geographic information systems (GIS), robotics, computer-aided design (CAD), 3D printing, AI, virtual reality, watershed education, clean energy, and agriculture.

To achieve these student learning outcomes, STEMworks ensures that STEM teachers from all six main Hawaiian Islands have the professional development opportunities they need to teach and use the latest technologies in their classrooms. Our STEMworks teacher training sessions prepare public school educators to develop students' technical and professional career skills, as guided by industry needs, to grow the next generation of local business and community leadership. For computer science teacher training in particular, STEMworks serves as the Hawai'i regional partner for Code.org. This partnership has allowed us to provide in-person and virtual computer science training to 1,858 Hawai'i teachers as we work towards ensuring that every public school student in Hawai'i has access to quality computer science education. Through our code.org teacher trainings, we have impacted approximately 103,399 students to date.

At the end of the Fall 2023 semester, STEMworks had a total of 108 STEMworks facilitators (not including the teachers currently completing Code.org training), primarily teachers in addition to school support staff and administrators. Through our facilitators, we are currently able to reach students from all grade levels in 43 public schools and on all six main Hawaiian Islands.

## **2. Goals and Objectives**

The overarching goal of STEMworks is to develop Hawai'i's STEM education-to-workforce pipeline by equipping our next generation of skilled workers with the career skills and technical experience they need to succeed in their post-secondary endeavors and to be problem-solvers and leaders in their local communities. STEMworks addresses this multifaceted challenge through student-focused programming – career awareness events, summer camps, internships, our STEMworks AFTERSchool program, and the Hawai'i STEM Conference. Our teacher-focused programming includes industry-led professional development sessions, Code.org computer science workshops, and networking and talk story opportunities with STEMworks staff, industry professionals, and other teachers.

With the funding provided by this GIA, STEMworks plans to focus on our goal-driven objectives related to teacher professional development, student hands-on and project-based learning, and paid student internships.

Objective A: Expand Teacher Professional Development Offerings and Accessibility

STEMworks will continue to administer in-person and virtual computer science professional development for teachers across the state through our partnership with Code.org. This will include expanded training for AP Computer Science teachers and a pilot program on Artificial Intelligence (AI) featuring new training modules. Focus on rural and underserved schools to assure we move the dial to our goal of 100% of Hawaii

public high schools having trained teachers offering Computer Science Our Code.org training is provided completely free of charge for teachers, and their travel, hotel, and food costs are fully covered to allow for equity of access to in-person workshops. We also plan to develop a CS educator peer mentoring program to support new Code.org cohorts as they implement their training in the classroom. In addition to our work with Code.org, we will continue to offer other teacher professional development sessions both virtually and in-person on a wide variety of STEM topics, such as GIS, the engineering design process, creative media technology, renewable energy science, and robotics. In-person professional development and networking opportunities will be a key feature of STEMworks' annual Hawai'i STEM Conference, a two-day event for both students and teachers that is held on Oahu.

#### Objective B: Generate Interest in STEM Careers Through Hands-On, Project-Based Learning

Our programming for students is driven by the fundamental idea that students need to have hands-on experiences while working on projects related to real-world issues in order to remain interested in and committed to STEM education and career pathways. To support our STEMworks teachers as they facilitate this kind of place- and project-based learning for their students, we offer free access to essential classroom technology tools so that students have all the supplies they need. This is facilitated through our Lending Library, a collection of technology tools, activity kits, and related classroom supplies that teachers can borrow. Popular Lending Library items include laptops, MEL science kits, and 3-D printers, and we are regularly updating our inventory to remain in line with industry standards and teachers' needs.

In order to encourage students to become problem-solvers in their communities and develop entrepreneurial skills, STEMworks regularly organizes challenges and competitions that require students to design creative solutions to real-world problems. Many of our STEMworks teachers include these competitions in their courses. Topics of competitions currently open for quarter one of 2024 include video game design, renewable energy innovation, invasive species management, and community-based storytelling through ArcGIS.

We will also continue to organize and facilitate a wide variety of in-person career awareness events for students, which always involve hands-on activities with industry professionals. These events are designed not only to spark initial interest in STEM fields but to also create lasting connections between local professionals and our students and to provide examples of successful STEM entrepreneurship in Hawaii. Our annual Hawai'i STEM Conference is the largest event of this kind, with a predicted 500+ student attendees and 48 student professional development sessions planned for the 2024 conference. Other in-person events for students include Space Exploration Day (as part of the AMOS Conference), Introduce a Girl to Engineering Day (organized for students on both Maui and Oahu), and Excite Camp, which is a week-long program specifically for girls of Native Hawaiian and Pacific Islander descent. Due to the success of Excite Camp, we intend to expand our summer program offerings and are currently developing summer camps on AI, CAD, and coding.

Finally, we will design and facilitate Lahaina-specific activities for students impacted by the 2023 wildfires, focusing especially on the skills and tools students will need to serve their community during the recovery and rebuilding process. This will include activities and projects involving GIS, surveying, climate science, and land management. STEMworks' service learning platform will empower Lahaina students to have a voice, the technical skills, and leadership to rebuild their community.



## Objective C: Continue In-Demand Career Skills Training, Certification, and Paid Internship Programs

STEMworks is committed to expanding its paid internship program for Hawaii high school and college students. These internships provide a critical stepping stone for students from the classroom to a career and provide both on-the-job training and industry networking opportunities. In order to ensure that this opportunity is accessible to all students, regardless of socioeconomic status, STEMworks does the work to pair students with an employer and pays students for their work. These internships last for six weeks, with 20 hours per week of on-the-job time in addition to professional development sessions facilitated by STEMworks staff and industry professionals. By carefully vetting the interns' host employers, we ensure that our interns gain meaningful work experience. Our 2023 Innovation Intern cohort was 63 students, and we have the capacity to expand this program provided we continue to receive funding to cover intern stipends.

### **3. Public Purpose and Need**

As the pandemic and the more recent Maui wildfires have demonstrated, Hawai'i is in need of economic diversification in order to have a more resilient, shock-resistant economy. At the individual level, this is felt as the need for stable, well-paying jobs that align with local values. Through our research, MEDB has identified STEM industries – not only Science and Technology but also Energy, the Eco-Economy (conservation, resource management, etc.), and Healthcare and Wellness – as offering the most promising opportunities for sustainable and resilient economic growth, both for individual residents and the state as a whole. This is why STEMworks remains committed to expanding STEM education and workforce training opportunities for students and teachers.

More specifically, our programming is aligned with recommendations for economic development as described in the 2023 State of Hawai'i Comprehensive Economic Development Strategy (CEDS) report. In this report, the Science and Technology industry is highlighted as an emerging sector that has significant potential for growth. It is one of the few sectors in which employment remained stable during the pandemic, unlike more volatile industries reliant on tourism. The report further emphasizes that Hawai'i's unique location and environment makes it an ideal location for scientific research and innovation, especially with respect to marine sciences, climate sciences, alternative energy, and space, optics, and astronomy. In the 2023 CEDS, two of the six main objectives for the Science and Technology sector are directly related to STEMworks' programming: "support educational programs and funding opportunities for students to pursue careers in Science, Technology, Engineering, and Mathematics" and "build workforce development and career pathways for science and technology through partnerships with schools, organizations, and businesses."<sup>1</sup> Many of the hallmarks of STEMworks' place-based and work-based learning programming also align with the specific priority actions recommended for the Science and Technology sector, as described in the CEDS: "expand STEM programs, particularly project-based and experiential learning," "increase paid internships and fellowships statewide and provide hands-on opportunities," "conduct work fairs and other opportunities for employment outreach," and "develop and conduct parent-student shared opportunities."

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<sup>1</sup> State of Hawai'i Office of Planning and Sustainable Development. 2023 Hawai'i State Comprehensive Economic Development Strategy. <<https://planning.Hawaii.gov/spb/ceds/>> pp. 44-48.

STEMworks' push to grow the STEM education-to-workforce pipeline is also informed by statewide employment projections, which show that from 2020-2030, Healthcare and Social Assistance industry jobs will grow by 15.3%, Education Services by 10.2%, Professional, Scientific, and Technical Services by 7.8%, and Information by 11.2%.<sup>2</sup> To ensure that these technical industry workforce needs can be met without additional in-migration from residents of the continent, our local students need to develop as early as possible the technical knowledge, soft skills, and self-confidence required to study STEM after high school and pursue STEM careers as adults.

Finally, a pressing social issue that informs STEMworks' programming is the outmigration of Hawai'i's youth to the mainland. Due to the rising cost of living in Hawai'i coupled with the draw of educational and professional opportunities on the continent, many of our students choose to leave Hawai'i for college and do not return, a phenomenon often referred to as "brain drain." People born in Hawai'i who now live on the continent are on average both younger and more educated. According to a 2021 report, only 7.7% of Hawai'i-borns who remain in Hawai'i are between 18 and 44 years old and have at least a bachelor's degree, compared to 15% of Hawai'i-born residents on the continent.<sup>3</sup> Through STEMworks' internship programs and career awareness events, we aim to create professional relationships between local students and Hawaii industry professionals as early as middle school so that students are more likely to see a future for themselves in Hawai'i and industry leaders are more likely to employ local residents and continue doing business in Hawai'i.

#### 4. Target Population

K-12 Hawai'i students and teachers in Hawaii DOE across the state will be served through this project. The program aims for equity in serving rural and underrepresented populations, and we prioritize making our resources and events accessible to rural neighbor island schools whenever possible. Several of our in-person career awareness events are for specific underrepresented demographics, such as Excite Camp, which serves primarily Native Hawaiian and Pacific Islander girls, and Introduce a Girl to Engineering Day. For our STEMworks AFTERSchool program, we have made concerted efforts to expand the program to include schools with Hawaiian immersion programs, including Molokai Middle School. Since the start of the pandemic in 2020, STEMworks has shifted to offering more virtual events via Zoom, especially for teacher professional development sessions. Our Lending Library resources are also accessible to all teachers regardless of school location; we ship resources free of charge to teachers across the state.

During the next several years, special efforts will be made to support Lahaina students and teachers specifically. This may involve offering more school site visits for Lahaina teachers to allow STEMworks staff to provide more in-classroom programming and assistance than is typical. We will continue to communicate with our Lahaina teachers to determine how STEMworks can best help with education-related recovery efforts moving forward.

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<sup>2</sup> State of Hawai'i Department of Labor and Industrial Relations. *Employment Projections for Industries and Occupations, 2030*. July 2022. <<https://www.hirenetHawaii.com/admin/gsipub/htmlarea/uploads/Long-TermProjections-2020-2030-State.pdf>> p. 4.

<sup>3</sup> Department of Business, Economic Development & Tourism Research and Economic Analysis Division. *Brain Drain: Characteristics of Hawai'i-Born Adults on the U.S. Mainland*. January 2021. <[https://files.Hawaii.gov/dbedt/economic/reports/Brain\\_Drain\\_Hawai'i\\_Born\\_Population.pdf](https://files.Hawaii.gov/dbedt/economic/reports/Brain_Drain_Hawai'i_Born_Population.pdf)>. p. 6.

## 5. Geographic Coverage

As explained above, the proposed funding will serve the islands of Oahu, Kauai, Maui, Molokai, Lanai, and Hawai'i Island. STEMworks' resources and programming are accessible to public school teachers and students across the entire state of Hawai'i. We use a hybrid methodology for our teacher trainings, using both virtual and in-person to increase accessibility. In-person events for both students and teachers are organized primarily on Maui and O'ahu, and funding is made available when possible to cover inter-island travel for our neighbor island students and teachers. In 2024-2025, we plan to increase in-person trainings on all islands.

### III. 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;

Code.org Training

STEMworks™ trains educators to engage students in cross-curricular computer science applications through our STEMworks™ Regional Partnership with Code.org. Code.org is a member of the national steering committee that established the K-12 Computer Science Framework. Trained teachers will increase equitable access for students of high need as well as the capacity of computer science literacy for students across Hawaii.

Through STEMworks' team of local facilitators, who are trained in Code.org curricula, we offer training in Code.org's national-award winning CS curricula for teachers across the state. Workshops for teachers are offered according to grade level and level of CS knowledge: Computer Science Fundamentals (CSF) (Grades K-5), Computer Science Discoveries (CSD) (Grades 6-10), Computer Science Principles (CSP) (Grades 9-12), and AP Computer Science (CSA) (Grades 10 – 12). Code.org curricula are aligned with CSTA K-12 CS standards and are designed as introductory courses for all grade levels to attract non-traditional students to CS, supporting equity in underrepresented groups, and they progress to a more rigorous dive into CS, the goal being that students will matriculate into an AP CSP and AP CSA courses. Teacher training begins with a week-long immersive workshop in the summer, with quarterly follow-ups throughout the year. Through partnership with the HI Department of Education, STEMworks works to provide PDERI credits to interested teachers enrolled in the training. During implementation of the curricula by our trained teachers, students learn how to build real working apps, games, and websites through block coding, JavaScript, CSS, HTML, Java, and more. They are also exposed to career pathways in CS, internships, and scholarship opportunities.

In Fall 2023, STEMworks was selected as one of a handful of Regional Partners to participate in Code.org's custom workshop pilot program, where standalone modules in AI, Machine Learning, Physical Computing, Data Science, Cybersecurity, and CS Connections can be offered as workshops for K-12 teachers. This year, STEMworks will offer these workshops to Hawaii teachers as 1-day training sessions beyond the professional learning program described above. Through Code.org's TeachAI

initiative, STEMworks can also provide enhanced support for AI in education for teachers, by keeping teachers informed and up-to-date as the field develops, and supplying them with resources such as the AI Guidance for Schools Toolkit created by TeachAI for teachers looking to introduce AI to their students.

STEMworks provides travel support for teachers located on neighbor islands or travel support for contractors to host trainings on neighbor islands, including flights and hotel stays. Training materials are also supplied for teachers attending these workshops, which are shipped to teachers participating virtually.

This year, STEMworks is also piloting a new mentoring program in which Computer Science teachers who have been through the training program support teachers who are currently participating in the workshops. The goal is to provide stipend support for at least five mentor teachers through this pilot and expand our offerings going forward.

Over the next year, special outreach will be made to reach schools which are currently not offering CS or are at high risk of losing CS teachers. STEMworks staff will spend time researching community needs with the goal of reaching out to at least 20 additional schools with targeted phone calls, emails, and outreach via events like the Schools of the Future conference. Additionally, a STEMworks team member will travel if necessary to visit schools and assess the needs for CS training. These efforts will help to support the state's goal of getting 100% of schools to offer CS to students across the state, including rural and underserved communities. STEMworks also will continue to regularly collaborate and communicate with our partners, including Code.org, HI Department of Education, and industry partners to further this goal.

STEMworks will also provide support to schools to host Hour of Code activities for National CS Education Week, traditionally taking place in the first full week of December. By encouraging and providing supplies and templates for teachers to execute Hour of Code in their classrooms, students will have the opportunity to partake in a one-hour introduction to CS, showing them that anyone can learn the basics, and inspire them to become interested and participate in CS. These activities not only expose students to CS concepts and coding basics, but also how CS connects to other subject areas and professional fields.

STEMworks has always focused on service-oriented student learning, giving students the opportunity to use their skills to solve problems through relevant projects. In December 2023, STEMworks staff visited schools in Lahaina to support their Hour of Code events, which were focused on introducing students to Artificial Intelligence and how it can be used in ethical ways to keep the oceans clean, as well as an understanding of biases present in AI using Code.org's new standalone AI unit. This gave students a basic understanding of how AI can be used towards environmental causes and recovery efforts, giving them tools and concepts they can take towards future projects of their own. The Lahaina-focused Hour of Code events are a great example of how our STEMworks programming can give students the opportunity to build the skill sets, experiences, and confidence they need to solve problems in their own communities. STEMworks will continue to provide additional outreach and support to Lahaina schools and students through opportunities like Hour of Code and focused CS workshops.

Other Professional Development opportunities

STEMworks will facilitate Professional Development for teachers and students in line with new skills related to in-demand careers. Potential topics will include but are not limited to Artificial Intelligence (AI), Geographical Information Systems (GIS), Digital Media, and CAD. In the past, we have facilitated a virtual Fall Professional Development series for our teachers, covering four distinct topic areas. We will continue our Fall PD series in future school years and plan to explore making these PD sessions hybrid to allow for both virtual and in-person attendance.

#### Hawai'i STEM Conference

STEMworks will facilitate and host the two-day Annual Hawaii STEM Conference in Spring 2025 with the goal of inspiring students and getting high tech tools into local students' hands to impact their community needs. STEMworks plans to host 500+ local students in grades 6-12, and 200 educators at this event. STEMworks will recruit industry professionals to attend the conference in support of presentations and networking with student and educator attendees.

#### Career Awareness Events

STEMworks will host and facilitate 4 career awareness events for students and teachers, to include but not limited to: Introduce a Girl to Engineering Day, Space Day, Cybersecurity Week, and GIS Day. Our goal for 2025 is to make all of these events in-person, with approximately 100 student participants per event.

#### STEM Camps

STEMworks will continue to organize and facilitate our week-long Excite Camp in June 2025, which is a community-building and career awareness program for girls who are underrepresented in STEM careers, especially Native Hawaiians, and gives them opportunities to learn about STEM careers while also connecting with their Native Hawaiian and Pacific Islander heritage. STEMworks will continue to incorporate the importance of place and encourage the development of STEM identity for the participants.

STEMworks will also develop and facilitate a software camp with a special focus on Geographic Information Systems (GIS) softwares and surveying to be held on Maui's West Side and attended by Lahaina students. This will be a targeted effort to support future recovery efforts of our cherished Lahaina community.

#### Lending Library

STEMworks will continue to maintain our Lending Library to provide technology and other teaching and classroom resources to our teachers across the state. Our goal is to provide at least 1,000 items from the Lending Library resources during 2025, with an impact on approximately 3,000 students. STEMworks will regularly evaluate our current Lending Library items and seek new technology when appropriate.

#### In-classroom Programming

STEMworks will monitor our teachers' STEMworks curricula implementation via STEMworks website engagement and end-of-semester teacher surveys. We will also review current curricula being offered and

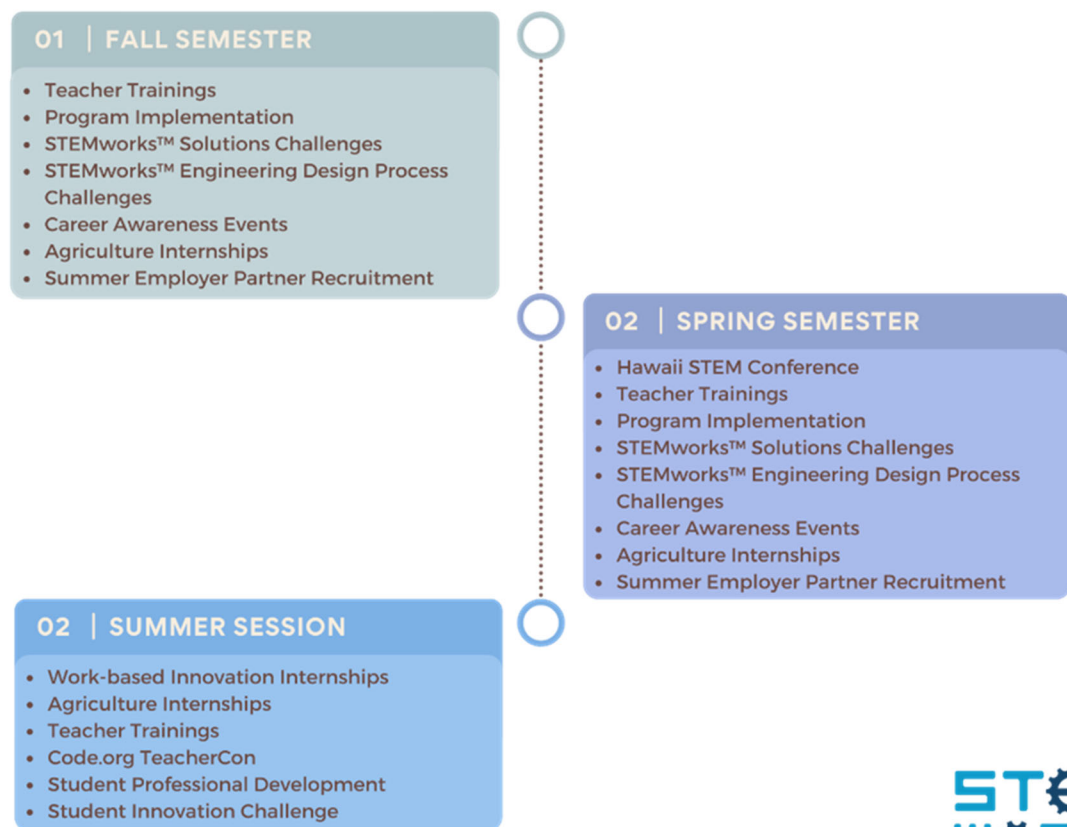
explore possible opportunities for curricula updates or the addition of new curricula. We will also convene a teacher advisory board, which will meet once per semester, to assist with teacher recruitment, student outreach, and overall programmatic planning.

### Internships

STEMworks will continue its Innovation Internship program, which provides paid, professional work-based learning opportunities for young professionals from grade 9 to early career. These internships will be 6 weeks long, requiring 20 hours of work per week in addition to professional development sessions facilitated by STEMworks and final presentations from each intern. The interns are paired with local industry partners on specific projects driven by real issues and problems faced by professionals in the relevant industry.

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

Below is the typical school year calendar for STEMworks Programming, subject to availability of staffing and national dates for exact programming.



*\*Will adjust timeline to align with release of funds*

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

Each event facilitated by STEMworks, whether in-person or virtual, will have a post-event survey for participants. For student participants, these surveys will collect data on changes in interest in STEM subjects, awareness of new STEM careers, favorite activities, and feedback for future events. For teacher participants, event surveys will collect data on relevance of programming to classroom teaching, ease of implementation of new information/tools into future courses and lessons, changes in awareness of STEM careers, and feedback for future events.

Every teacher who participates in STEMworks will also be asked to complete mid-year and end-of-school-year surveys to collect information about curriculum implementation rates, professional development needs, student achievement levels, topics covered during STEM courses, relevance of programming offered during the prior semester, and general feedback for improvement of STEMworks programming.

Industry professionals involved in our programming will also be given surveys to assess how we can encourage and better facilitate their future participation in STEMworks events, trainings, and internships.

Informal feedback will be solicited verbally by STEMworks staff from teachers, students, and industry professionals during and post-events.

Survey and informal feedback from all programming participants will be used to inform planning of future events and the creation or updating of resources.

Additionally, we utilize our website and social media accounts (Instagram and Facebook) to assess public awareness of our programming as well as levels of STEMworks teacher online engagement.

STEMworks' workforce development programming and overall goals are also informed by economic research provided by MEDB's research and analysis team (funded by other sources). Specifically, employment trends and projections may be used to inform which industries and occupations we emphasize in our student career awareness events.

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.

Program	Measures of Success
Computer Science Training and IT academy Preparation through Code.org	<ul style="list-style-type: none"> <li>● 500 teachers trained</li> <li>● 75% implementation rate</li> <li>● At least 50,000 students reached</li> <li>● Launch new AI computer science</li> </ul>

	<p>curriculum and training</p> <ul style="list-style-type: none"> <li>● Pilot a CS Peer Mentoring program with starting cohort of 5 educators.</li> </ul>
STEM Camps	<ul style="list-style-type: none"> <li>● Host 1 Excite Camp with a focus on developing young women's STEM identity.</li> <li>● Develop and host 1 software camp in Lahaina with a focus on GIS software exposure.</li> <li>● The goal of each camp to host a target of 20 students</li> <li>● At least 75% of student participants articulate an increased interest in STEM careers as a result of participation in STEMworks programs</li> </ul>
Work-based Learning Internships	<ul style="list-style-type: none"> <li>● At least 100 paid internship placements</li> <li>● 15,000+ on the job hours</li> </ul>
STEMworks Teacher Professional Development	<ul style="list-style-type: none"> <li>● Host a total of 5 professional development opportunities in person, hybrid, or virtually.</li> </ul>
STEMworks™ In School Programs including Core Curriculum, Toolkits, and Modules	<ul style="list-style-type: none"> <li>● At least 80% of our trained teachers implement STEMworks™ curricula</li> <li>● At least 75% of teachers report that students are able to independently apply the Engineering Design Process to solve problems</li> <li>● Convene Teacher Advisory Board at least once per semester</li> </ul>
STEMworks™ AFTERSchool	<ul style="list-style-type: none"> <li>● 90% of students report an increase in technology mastery</li> <li>● 90% of students report an improvement in professional skills</li> <li>● 80% of students report an increased interest in STEM careers</li> </ul>
Technology Tools including Lending Library and TechRefresh	<ul style="list-style-type: none"> <li>● At least 1,000 items will be deployed from our Lending Library</li> <li>● At least 3,000 students impacted through the Lending Library Hardware Exchange</li> <li>● At least 10,000 students and teachers provided with industry-aligned software/applications including but not limited to CAD, ArcGIS, Minecraft Education, DroneBlocks, Unity, Unreal</li> </ul>



	Engine, MergeEdu AR, CoSpaces Edu
Career Awareness Events	<ul style="list-style-type: none"> <li>● Host at least 4 career awareness events</li> <li>● Engage at least 100 students per event</li> <li>● At least 75% of participants will report increased interest in STEM careers</li> </ul>
Hawaii STEM Conference	<ul style="list-style-type: none"> <li>● 500+ students in attendance from Title 1 schools</li> <li>● 200 educators in attendance</li> <li>● Eight teacher professional development trainings</li> <li>● Twenty student hands-on sessions</li> <li>● Five STEM competitions</li> <li>● Exposure to at least 20 STEM careers in Hawai'i</li> <li>● 75% of students report increased interest in STEM careers</li> </ul>

#### **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](#))

SEE ATTACHMENT IV.1.a.

b. Personnel salaries and wages ([Link](#))

SEE ATTACHMENT IV.1.b.

c. Equipment and motor vehicles ([Link](#))

SEE ATTACHMENT IV.1.c.

d. Capital project details ([Link](#))

SEE ATTACHMENT IV.1.d.

e. Government contracts, grants, and grants in aid ([Link](#))

SEE ATTACHMENT IV.1.e.

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2025.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
137,500	137,500	137,500	137,500	550,000

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2025.

SEE ATTACHMENT IV.3.

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, grants, and grants in aid it has been granted within the prior three years and will be receiving for fiscal year 2025 for program funding.

SEE ATTACHMENT IV.5.

6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2023.

11,241,776

## V. Experience and Capability

### 1. 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.

STEMworks™ is a workforce development program under the umbrella of Maui Economic Development Board (MEDB) and has been building education programs in STEM for K-12 schools statewide for over 24 years. STEMworks™ programs are designed to reach and include underrepresented populations in STEM fields, including girls, women, and indigenous populations. Recognizing the need for developing a education-to-career STEM pipeline, STEMworks™ curriculum and training focuses on critical thinking through engineering design practices that are applied to a multitude of high demand and high growth STEM areas for our state, including cybersecurity, health, digital media, geospatial technology, computer-aided

design and 3D printing, virtual reality, coding and programming, energy, environmental sciences and agriculture.

MEDB retains independent A-133 audits annually and due to its years of unconditional opinions, clean audits, MEDB is classified as a low risk auditee.

STEMworks has maintained the following programs for the past three years and will continue to :

**In-School Programming:** Our in-school programming is implemented by public school educators who have received STEMworks training and provided with free online access to 10 STEMworks curricula and teaching toolkits as well as physical technology resources through our Lending Library. As of January 2024, STEMworks has 108 participating teachers from 43 schools across the state.

**Annual Hawaii STEM Conference:** Our annual conference for both students and teachers to meet and learn from industry professionals from across the state as well as from the continent will be in its 16th year in 2025. The conference was held virtually during the pandemic and returned as an in-person event in 2022 at the Hawaii Convention Center. In 2023, the conference welcomed almost 400 students and teachers from schools across the state, and we anticipate a 25% increase in attendance for our 2024 conference.

**STEMworks AFTERSchool:** Our afterschool program has served middle and elementary school students in Maui County for 9 years. During the Fall 2023 semester, the program had 860 students enrolled in total across the six participating schools, its largest semester ever thanks to the addition of two new participating schools.

**STEMworks Innovation Internships:** STEMworks is the longest-serving paid internship program in the state of Hawaii, serving students on all islands across the state, with our Innovation Internship program operating for 20 years. In 2023, our 53 innovation interns, the largest cohort in the program's history, logged 6,360 hours of on-the-job time.

**STEMworks Code.org Partnership:** STEMworks has worked with Code.org since 2014 and became their official Regional Partner for Hawaii in 2017. To date, we have provided CS training to 1,858 teachers and impacted 103,399 students.

## **2. Facilities**

MEDB operates and manages its own office and small conference space, with state-of-the-art technology and distance learning equipment, meeting all ADA accessibility requirements. For our STEMworks programming, most of our in-person events will either be on-site at participating public schools or at event venues such as the Hawaii Convention Center.

## **VI. Personnel: Project Organization and Staffing**

### **1. Proposed Staffing, Staff Qualifications, Supervision, and Training**

MEDB is a non-profit, 501(c)3 organization with 40-years of experience in program development and implementation to diversify Hawaii's economy and build the requisite resident skilled workforce. It is led by a 24-member Board of Directors from the state's most recognized leaders in industry, government, academia, and community organizations. Its 29-member staff manages a complex project portfolio in economic and workforce development, with a funding base from federal, state, county, and private industry and community investments. Of these 24 staff, eight staff are dedicated to running educational STEM programs across the state, including two staff members on Oahu. MEDB will utilize these existing trained and dedicated STEMworks program staff, who have a proven track record for success in all aspects of the proposed project. Moving forward, we hope to add other STEM subject matter experts, especially for our Computer Science training.

Senior Management for the program (will support proposed project at no charge to state GIA budget):

Leslie Wilkins - Maui Economic Development Board, Inc., President & CEO

In October 1999, Ms. Wilkins was hired to create, launch, and implement the Women in Technology Project (WIT), a pilot and demonstration program designed to engage more girls, women, and underrepresented groups in STEM education and careers. Today, the program is now known as STEMworks™ and is recognized as a “national best practices model” and annually serves 30,000 participants across the state. In her 17-year role as MEDB's Vice President, she oversaw a \$22 million funding portfolio, including principal investigator of grants from eight federal agencies. In July 2017, she was elected as president by the MEDB Board of Directors.

Ms. Wilkins is an experienced advocate for women and workplace equity issues. She is a past chair of the Hawaii Workforce Development Council (WDC) and currently retains a voting board seat on the WDC. She serves as chair of Maui County Workforce Board and is a member of the U.H. College of Engineering Dean's Council. She has held state and national leadership roles with the Business & Professional Women's Organization (BPW/USA) for more than three decades.. She continues as a national trustee of the BPW Foundation. Honors include the 2014 Hawaii SBA Veteran Business Advocate Award; the 2001 Federal Region IX SBA Women's Business Advocate; the 2005 International Economic Development Council (IEDC) Performance Award for a Multi-Year Local Economic Development Initiative.

Katie Taladay, STEMworks™ Program Director, holds a BA in Cultural Anthropology with a Minor in Geography and an MS in Earth Science specializing in Energy and Climate. She has extensive experience in Geographic Information Systems (GIS) and Renewable Energy as well as over 10 years of experience as an educator, worked with the Hawai'i Natural Energy Institute for four years. She is also currently a faculty member in the Office of Innovation and Commercialization at the University of Hawai'i at Manoa.

Anna Sikkink is the STEMworks™ Program Manager for Computer Science and oversees our regional partnership with Code.org, and is a co-trainer for CS Principles and AP CSA professional learning programs. She holds a BA and MS in Computer Science with a focus in IT, as well as a minor in Astronomy from the University of Hawai'i at Manoa. She has 10 years of experience in IT, computer networking, cybersecurity, and web application development as a former IT Specialist for UH Manoa.

Britney James is the STEMworks™ Program Manager for Agriculture. She has a BS in Agriculture and an MBA. She is a licensed teacher in the state of Hawaii with three years of curriculum development and teaching experience.

Chloé Yap serves as a STEMworks Program Manager, Maui Office Coordinator. She has participated in the STEMworks™ program since 2005 in elementary school as a member of an all-girl robotics team. She is currently oversees and coordinates STEMworks' overall operations and leads the outreach and planning for all STEMworks programming. She also develops relationships with industry professionals, partners in STEM, educators, and students. She holds a B.S. in Psychology from Pacific University and is currently pursuing a Cybersecurity certificate through UH Maui College.

June Bremen is the STEMworks Program Specialist responsible for running the STEMworks Lending Library. Prior to joining MEDB, Bremen designed, created, and managed the Tech Lab for the Wisdom Center for Autism in Ha'ikū, Maui for seven years. In this role, they gained expertise in tech accessibility and makers' space management. Bremen also brings community and youth engagement experience to the team, as they continue to serve as a youth mentor and program lead for Empower'd, an LGBTQ community group on Maui.

Hannah Trees is a STEMworks Program Specialist focusing on program assessment. She is also on MEDB's research and analysis team, which informs STEMworks' planning and programming. She holds a Ph.D. in Philosophy from UT Austin, where she served as a teaching assistant and instructor for seven years. Prior to joining MEDB, she was a high school humanities teacher on Maui and a lecturer in Business Ethics at UH Maui College.

Haley Rainer is a STEMworks Program Assistant. As a former math special education teacher and high school admissions assistant, Rainer brings both administrative and teaching experience to STEMworks. She holds a Bachelor of Science in interdisciplinary studies from Sam Houston State University with a minor in Special Education.

## **2. 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.

SEE ATTACHMENT VI.2

## **3. Compensation**

The applicant shall provide an annual salary range paid by the applicant to the three highest paid officers, directors, or employees of the organization by position title, not employee name.

President and CEO	146,280
Finance Director	97,000
Program Director, Conference Services	93,000

## **VII. Other**

### **1. Litigation**

Not applicable.

### **2. Licensure or Accreditation**

STEMworks™ instructors include three with Master's Degrees in STEM fields, a MBA, and a licensed teacher in the State of Hawai'i experienced in teaching and curriculum development.

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

Not applicable.

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

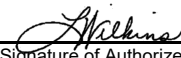
The STEMworks™ proposed program is highly leveraged and not solely dependent on the requested state funding. This GIA request will help expand our engagement and improve the quality and depth of our programming. Teachers trained within the DOE will continue to serve students well beyond the students counted during this one-year implementation. Teacher capacity in computer science, programming, engineering design practices and team collaborative project-based service learning activity management will remain within the DOE, as will the relationships developed with industry mentors. Each participating classroom will have access to a shared investment in lending libraries of STEM technology tools, and investment which will equip classrooms for future years.

ATTACHMENT IV.1.a.

**BUDGET REQUEST BY SOURCE OF FUNDS**

Period: July 1, 2024 to June 30, 2025

Applicant: Maui Economic Development Board, Inc.

<b>BUDGET CATEGORIES</b>	<b>Total State Funds Requested (a)</b>	<b>Total Federal Funds Requested (b)</b>	<b>Total County Funds Requested (c)</b>	<b>Total Private/Other Funds Requested (d)</b>
<b>A. PERSONNEL COST</b>				
1. Salaries	152,672	140,589	144,375	140,850
2. Payroll Taxes & Assessments	19,067	17,558	18,031	17,591
3. Fringe Benefits	48,261	44,441	45,638	44,524
<b>TOTAL PERSONNEL COST</b>	<b>220,000</b>	<b>202,589</b>	<b>208,044</b>	<b>202,965</b>
<b>B. OTHER CURRENT EXPENSES</b>				
1. Inter-Island Travel (airfare, hotel, incidental)	5,000	12,200	12,350	36,090
2. Insurance - General Liability and Umbrella	500			
3. Lease/Rental of Equipment				
4. Lease/Rental of Space	500			26,056
5. Staff Training				
6. Supplies and General Outreach	2,500	3,750		37,196
7. Telecommunication - Phone and Internet	1,100			
8. Utilities - Electricity	2,150			
9. Consultants - Training Facilitators	25,000	6,250	128,000	85,305
10. Consultants - PDERI Portfolios	7,500			
11. Classroom Supplies, Software & Tech Tools	92,700			7,250
12. Work-based Learning, incl Student Stipend	50,000	33,450	10,800	55,100
13. In-person training support costs (incl. Teacher Con and PD at HI STEM Conf)	75,000	22,000	25,000	195,800
14. Post-Secondary training support	10,000			
16. Student Training and Career Engagement (incl. student PD and awareness activities)	45,000	41,500	88,600	74,225
17. Annual Audit, incl OMB A-133	2,250			
18. Accounting/Administrative Support (staff)	10,000			
19. Office Occupancy - Custodial	800			
20. Admin Costs, Other		15,426	38,093	83,146
<b>TOTAL OTHER CURRENT EXPENSES</b>	<b>330,000</b>	<b>134,576</b>	<b>302,843</b>	<b>600,168</b>
<b>C. EQUIPMENT PURCHASES</b>				
<b>D. MOTOR VEHICLE PURCHASES</b>				
<b>E. CAPITAL</b>				
<b>TOTAL (A+B+C+D+E)</b>	<b>550,000</b>	<b>337,165</b>	<b>510,887</b>	<b>803,133</b>
<b>SOURCES OF FUNDING</b>		Budget Prepared By:		
(a) Total State Funds Requested	550,000	Michelle Cocca	808-875-2388	
(b) Total Federal Funds Requested	337,165	Name (Please type or print)	Phone	
(c) Total County Funds Requested	510,887		January 19, 2024	
(d) Total Private/Other Funds Requested	803,133	Signature of Authorized Official	Date	
<b>TOTAL BUDGET</b>	<b>2,201,185</b>	Leslie Wilkins, President and CEO		
		Name and Title (Please type or print)		

ATTACHMENT IV.1.b.  
**BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES**  
 Period: July 1, 2024 to June 30, 2025

Applicant: Maui Economic Development

POSITION TITLE	FULL TIME EQUIVALENT	ANNUAL SALARY A	% OF TIME ALLOCATED TO GRANT REQUEST B	TOTAL STATE FUNDS REQUESTED (A x B)
Program Director	0.5	\$46,000.00	40.90%	\$ 18,812.76
Program Lead	1	\$75,000.00	50.00%	\$ 37,500.00
Technical Expert - Computer Science	1	\$88,000.00	50.00%	\$ 44,000.00
Program Assistant 1	1	\$42,536.00	25.00%	\$ 10,634.00
Program Manager - STEMworks AFTEF	1	\$65,000.00	25.00%	\$ 16,250.00
Program Assistant 2	0.6	\$41,250.00	50.00%	\$ 20,625.00
Contracts Manager	1	\$97,000.00	5.00%	\$ 4,850.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>TOTAL:</b>				152,671.76
<b>JUSTIFICATION/COMMENTS:</b>				



**BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS**

Period: July 1, 2024 to June 30, 2025

Applicant: Maui Economic Development Board.

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: 2022-2023	FY: 2023-2024	FY:2024-2025	FY:2024-2025	FY:2025-2026	FY:2026-2027
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
<b>TOTAL:</b>						
<b>JUSTIFICATION/COMMENTS:</b>						
Not Applicable						

ATTACHMENT IV.1.c.  
**BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS**

Period: July 1, 2024 to June 30, 2025

Applicant: Maui Economic Development Board.

<b>FUNDING AMOUNT REQUESTED</b>						
<b>TOTAL PROJECT COST</b>	<b>ALL SOURCES OF FUNDS RECEIVED IN PRIOR YEARS</b>		<b>STATE FUNDS REQUESTED</b>	<b>OTHER SOURCES OF FUNDS REQUESTED</b>	<b>FUNDING REQUIRED IN SUCCEEDING YEARS</b>	
	<b>FY: 2022-2023</b>	<b>FY: 2023-2024</b>	<b>FY:2024-2025</b>	<b>FY:2024-2025</b>	<b>FY:2025-2026</b>	<b>FY:2026-2027</b>
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
<b>TOTAL:</b>						
<b>JUSTIFICATION/COMMENTS:</b>						
Not Applicable						

ATTACHMENT IV.1.e.

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

Applicant: Maui Economic Development Board, Inc.

Contracts Total: 13,285,000

	<b>CONTRACT DESCRIPTION</b>	<b>EFFECTIVE DATES</b>	<b>AGENCY</b>	<b>GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)</b>	<b>CONTRACT VALUE</b>
1	Comperhensive Economic Development Strategy	5/18/23 - 12/31/24	Office of Economic Dev	County of Maui	320,000
2	Computer Science Training	4/1/22 - 12/31/23	Office of Economic Dev	County of Maui	105,000
3	Economic Diversificaton and Workforce Develop	9/12/22 - 12/31/23	Office of Economic Dev	County of Maui	975,000
4	Economic Diversificaton and Workforce Develop	7/28/23 - 7/27/24	Office of Economic Dev	County of Maui	975,000
5	Maui County High School Automotive Programs	1/1/23 - 12/31/23	Office of Economic Dev	County of Maui	60,000
6	Maui County High School Automotive Programs	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
7	Health Sector Partnerships and Mentoring	1/1/23 - 12/31/23	Office of Economic Dev	County of Maui	60,000
8	Health Sector Partnerships and Mentoring	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
9	Ka Ipu Kukui Fellowships	9/12/22 - 9/11/23	Office of Economic Dev	County of Maui	45,000
10	Ka Ipu Kukui Fellowships	8/4/23 - 8/3/24	Office of Economic Dev	County of Maui	70,000
11	Maui Business Bridge Grants	8/8/23 - 12/31/24	Office of Economic Dev	County of Maui	7,000,000
12	Maui Film Festival	1/1/23 - 12/31/23	Office of Economic Dev	County of Maui	95,000
13	Maui Film Festival	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	95,000
14	STEMworks AFTERSchool	9/12/22 - 12/31/23	Office of Economic Dev	County of Maui	230,000
15	STEMworks AFTERSchool	7/25/23 - 7/24/24	Office of Economic Dev	County of Maui	225,000
16	STEM Pipeline	9/22/22 - 9/30/24	Department of Educatio	U.S.	500,000
17	Ke Alahele Center - HVAC Improvements	4/1/23 - 3/31/23	Office of Community Se	State of Hawaii	460,000
18	STEM and Computer Science	4/1/23 - 3/31/23	Office of Community Se	State of Hawaii	550,000
19	STEM and Computer Science	7/1/23 - 6/30/23	Department of Educatio	State of Hawaii	400,000
20	Community Navigator Pilot Program	12/1/21 - 5/31/23	Small Business Adminis	U.S.	1,000,000
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SEE ATTACHMENT IV.3.  
**FY25 Other Funding Saught**

Applicant: Maui Economic Development Board, Inc.

Contracts Total: 1,310,000

	<b>Program DESCRIPTION</b>	<b>Anticipated DATES</b>	<b>AGENCY</b>	<b>Entity Type</b>	<b>Funding Requested</b>
1	Economic Diversificaton and Workforce Develo	7/1/24 - 6/30/25	Office of Economic Dev	County of Maui	320,000
2	STEMworks AFTERSchool	7/1/24 - 6/30/25	Office of Economic Dev	County of Maui	225,000
3	STEMworks AFTERSchool	7/1/24 - 6/30/25	Kamehameha Schools	Private	100,000
4	Maui County High School Automotive Programs	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	60,000
5	Health Sector Partnerships and Mentoring	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	60,000
6	Maui Film Festival	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	95,000
7	Digital Bus - Molokai	7/1/24 - 6/30/25	Kamehameha Schools	Private	150,000
8	Ke Alahele Education Fundraiser	7/1/24 - 6/30/25	Various Donors	Private	150,000
9	STEM Expansion	7/1/24 - 6/30/25	Air Force Research Lab	U.S.	150,000
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SEE ATTACHMENT IV.3.

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

Applicant: Maui Economic Development Board, Inc.

Contracts Total: 18,732,460

	<b>CONTRACT DESCRIPTION</b>	<b>EFFECTIVE DATES</b>	<b>AGENCY</b>	<b>GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)</b>	<b>CONTRACT VALUE</b>
1	Comperhensive Economic Development Strategy	5/18/23 - 12/31/24	Office of Economic Dev	County of Maui	320,000
2	Computer Science Training	4/1/22 - 12/31/23	Office of Economic Dev	County of Maui	105,000
3	Economic Diversificaton and Workforce Develop	9/12/22 - 12/31/23	Office of Economic Dev	County of Maui	975,000
4	Economic Diversificaton and Workforce Develop	7/28/23 - 7/27/24	Office of Economic Dev	County of Maui	975,000
5	Maui County High School Automotive Programs	1/1/23 - 12/31/23	Office of Economic Dev	County of Maui	60,000
6	Maui County High School Automotive Programs	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
7	Health Sector Partnerships and Mentoring	1/1/23 - 12/31/23	Office of Economic Dev	County of Maui	60,000
8	Health Sector Partnerships and Mentoring	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
9	Ka Ipu Kukui Fellowships	9/12/22 - 9/11/23	Office of Economic Dev	County of Maui	45,000
10	Ka Ipu Kukui Fellowships	8/4/23 - 8/3/24	Office of Economic Dev	County of Maui	70,000
11	Maui Business Bridge Grants	8/8/23 - 12/31/24	Office of Economic Dev	County of Maui	7,000,000
12	Maui Film Festival	1/1/23 - 12/31/23	Office of Economic Dev	County of Maui	95,000
13	Maui Film Festival	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	95,000
14	STEMworks AFTERSchool	9/12/22 - 12/31/23	Office of Economic Dev	County of Maui	230,000
15	STEMworks AFTERSchool	7/25/23 - 7/24/24	Office of Economic Dev	County of Maui	225,000
16	STEM Pipeline	9/22/22 - 9/30/24	Department of Educatio	U.S.	500,000
17	Ke Alahele Center - HVAC Improvements	4/1/23 - 3/31/23	Office of Community Se	State of Hawaii	460,000
18	STEM and Computer Science	4/1/23 - 3/31/23	Office of Community Se	State of Hawaii	550,000
19	STEM and Computer Science	7/1/23 - 6/30/23	Department of Educatio	State of Hawaii	400,000
20	Community Navigator Pilot Program	12/1/21 - 5/31/23	Small Business Adminis	U.S.	1,000,000
21	Advancing Innovation in Maui County	3/2/21-12/31/21	Office of Economic Dev	County of Maui	200,000
22	Economic Diversificaton and Workforce Develop	10/1/21 - 12/31/22	Office of Economic Dev	County of Maui	925,000
23	Economic Diversificaton and Workforce Develop	7/1/20 - 12/31/21	Office of Economic Dev	County of Maui	925,000
24	Growing the Creative Sector in Maui County	4/11/22 - 4/10/23	Office of Economic Dev	County of Maui	25,000
25	Maui County High School Automotive Programs	1/1/22 - 12/31/22	Office of Economic Dev	County of Maui	60,000
26	Maui County High School Automotive Programs	1/1/21 - 12/31/21	Office of Economic Dev	County of Maui	60,000
27	Health Sector Partnerships and Mentoring	1/1/22 - 12/31/22	Office of Economic Dev	County of Maui	60,000
28	Health Sector Partnerships and Mentoring	1/1/21 - 12/31/21	Office of Economic Dev	County of Maui	60,000
29	Ka Ipu Kukui Fellowships	10/27/21 - 10/26/22	Office of Economic Dev	County of Maui	34,000
30	Ka Ipu Kukui Fellowships	7/1/20 - 06/30/21	Office of Economic Dev	County of Maui	34,000
31	Maui Business Connect	7/1/20 - 12/31/21	Office of Economic Dev	County of Maui	500,000

32	Maui Film Festival	1/1/22 - 12/31/22	Office of Economic Dev	County of Maui	95,000
33	Maui Film Festival	1/1/21 - 12/31/21	Office of Economic Dev	County of Maui	100,000
34	STEMworks AFTERSchool	10/1/21 - 12/31/22	Office of Economic Dev	County of Maui	225,000
35	STEMworks AFTERSchool	7/1/20 - 12/31/21	Office of Economic Dev	County of Maui	225,000
36	Building Hawaii's Aerospace Sector	7/1/19 - 6/30/23	Economic Development	U.S.	435,000
37	Maui Business Connect	6/27/19 - 9/30/21	Economic Development	U.S.	100,000
38	STEM Talent Challenges	2/1/21 - 1/31/22	Economic Development	U.S.	300,000
39	Energy Curriculum Updates	5/26/21 - 6/30/22	Hawaii State Energy C	State of Hawaii	149,460
40	STEM Outreach and Engagement	9/1/17 - 5/31/22	AFRL (subcontract)	U.S.	500,000
41	STEM and Computer Science	2/1/20 - 1/1/22	Office of Community Se	State of Hawaii	435,000
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ATTACHMENT VI.2.  
Maui Economic Development Board, Inc.  
Organizational Chart

