

Applicant: Maui Economic Development Board, Inc.

Grant in Aid - Fiscal Year 2027

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

Submitted 23 January 2026

**Point of Contact: Leslie Wilkins
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**MEDB STEMworks™
1305 N. Holopono St. Suite 1
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Brief Description of Request:

Requesting \$350,000 for MEDB's STEMworks program to support STEM teacher professional development, student career awareness events, paid student internships, and STEM classroom supplies and software purchases



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: 12/09/2025

Status: **Compliant**

Hawaii Tax#: [REDACTED]

New Hawaii Tax#:

FEIN/SSN#: [REDACTED]

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

**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 23, 2026

(Date)

Leslie Wilkins

(Typed Name)

President and CEO

(Title)

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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, 2025.

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 Maui Economic Development Board’s STEMworks™ program (Hawai‘i’s leading STEM project-based, service-learning program) is to provide Hawai‘i’s students and teachers with learning opportunities, 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, beginning as early as elementary school. The proposed project will provide professional development for teachers, building capacity within the HIDEO to ensure that educators have the technical training in computer science and AI needed to adequately adapt to and integrate rapidly-evolving technologies in their classrooms effectively and responsibly. The project will also provide opportunities for students to learn about and explore STEM-related career pathways through professional development sessions, industry-led career awareness events, work-based learning activities, and paid internships that build critical thinking, problem solving skills, and resilience in the face of challenges.

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 these sectors. Funded in part by the U.S. Departments of Education and Commerce (EDA), the County of Maui, industry, private foundations and donors, MEDB is led by a Board of Directors whose members represent a cross section of the state’s industry sectors, including emerging STEM fields, and leaders from academia and government. The Board made the strategic commitment to dedicate half of the organization’s annual \$8 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.

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In 2000, MEDB launched the Women in Technology project (WIT), now known as STEMworks™, which has been at the forefront of developing innovative work-based and service-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 engaging more students to pursue STEM careers. STEMworks reaches every island across the state.

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

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 leaders. For computer science and AI 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 over 2,000 Hawai'i DOE teachers as we work towards ensuring that every public school student in Hawai'i has access to quality computer science and AI education. Through our Code.org Computer Science and AI curriculum trainings for teachers, we have impacted an estimated 109,655 students to date.

In the 2025-26 school year, STEMworks has a network of 160 STEMworks DOE facilitators (not including Code.org Computer Science/AI trained teachers), which includes teachers, school support staff, and administrators. Through our facilitators, we are currently able to reach students from all grade levels in 54 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 with the career skills and technical experience they need to succeed in their post-secondary endeavors and to be critical thinkers, problem-solvers, and leaders in their local communities. STEMworks addresses this multifaceted challenge through student-focused programming, including immersive technology labs, 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/AI certified trainings (with PDERI credit options), networking and talk story opportunities with industry professionals, and other teachers.

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With the funding provided by this GIA, STEMworks plans to focus on our objectives related to teacher professional development, STEM classroom supplies and software support for teachers, student career awareness events, and paid student internships.

Objective A: Expand Teacher Professional Development Offerings in Computer Science (CS), including AI, and other STEM Subject Areas

STEMworks will continue to administer in-person and virtual CS & AI professional development for teachers across the state through our partnership with Code.org. This will include training for teachers at all grade levels, from K-12, and will be led by STEMworks CS manager Anna Sikkink and our highly experienced team of training consultants. Teachers who join Code.org training cohorts will participate in multiple full day workshops, and they can receive PDERI credits upon successful completion of the program. Focus will be given to teachers from schools not currently offering CS courses to ensure we move the dial towards our long-term goal of 100% of Hawai‘i public high schools having trained teachers offering CS. Our Code.org adapted curriculum and training will continue to be offered completely free of charge for teachers, and their travel, hotel, and costs will be fully covered to allow neighbor island participants to access in-person workshops. We will also continue to provide support to new Code.org cohorts as they implement their training in the classroom through a CS educator peer mentoring program and curriculum review meetings for former CS cohort participants to learn about changes to the curriculum and connect with their peers.

In addition to our work with Code.org, STEMworks will offer at least 4 other teacher professional development (PD) opportunities each school year (as funding allows), which may take place virtually or in-person on a wide variety of STEM topics, such as GIS, the engineering design process, creative media technology, renewable energy science, cyber security and robotics. Special attention will be given to teacher PD sessions on artificial intelligence (AI), as this is an area of STEM education that is rapidly changing as technology shifts and in which student interest is growing significantly. In-person professional development and networking opportunities will also be a key feature of STEMworks’ annual Hawai‘i STEM Conference, a two-day event for both students and teachers held on O‘ahu.

Objective B: Support STEM Education by Providing New Technology and Software in Classrooms

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 if they are 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 the supplies they need. This is facilitated through our STEMworks Lending Library, a collection of technology tools, activity kits, and related classroom supplies that teachers can borrow for free. Popular Lending Library items include laptops, MEL science kits, and 3-D printers, and we regularly update our inventory to remain in line with industry standards and teachers’ needs. STEMworks also provides teachers with software licenses, including Minecraft Education, Adobe Acrobat, GIS, and MADLearn, and provide both one-on-one support and professional development workshops to ensure that teachers can use these software tools in their classrooms to better engage students. Funding from this GIA will directly support both supply purchases and software license purchases as well as some of the costs associated with related teacher professional development sessions (see Objective A).

Objective C: Generate Student Interest in STEM Careers Through Interactive, Industry-Led Events

This funding will support at least 10 STEMworks' in-person career awareness events for middle and high school students, which always involve hands-on activities led by 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 Hawai'i. Our annual Hawai'i STEM Conference is the largest event of this kind, with over 400 student and teacher attendees from across the state and 30 student professional development sessions planned for the 2026 conference. Other in-person career awareness events for students include Space Exploration (as part of the AMOS Conference), Introducing Engineering Careers events (organized for students on both Maui and O'ahu), and National GIS Day events (organized in partnership with UH Hilo in 2025). With leveraged funding, STEMworks also organizes and leads at least 4 Healthcare Career Exploration events each year with hands-on activities run by healthcare professionals, an annual Automotive Exploration events, and free week-long day camps for elementary and middle schoolers during HIDOE intersession periods. STEMworks will also continue to support and participate in similar events led by other organizations, such as Kaua'i's STEM Camp, a summer program for elementary students with a focus on computer science.

Objective D: Continue In-Demand Career Skills Training through Paid Internship Programs

STEMworks is the largest and longest serving paid internship program in the state, and we are committed to growing our proven STEMworks Innovation Internship Program. The 6-week paid internship program for Hawai'i high school and college students places students with employer hosts on every island across the state. In 2025, the Innovation Internship program accepted 104 interns, more than any other cohort in the program's history. 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 will continue to pay students a stipend equivalent to at least minimum wage for their work. These internships last for 6 weeks, with 20-30 hours per week of on-the-job time in addition to professional development sessions facilitated by industry professionals. By carefully vetting the interns' host employers and offering assistance in the design of intern projects, we ensure that our interns gain meaningful work experiences. We have the capacity to expand this program provided we continue to receive funding to cover intern stipends. The support of this GIA will cover the cost of 10 intern stipends and will be highly leveraged by other funding to strive for our goal of over 125 interns per cohort, with placements all across the state. STEMworks is also launching a Maui County Healthcare Student Placement Program in 2026 following our successful STEMworks Innovation Internship model, and we also offer STEMworks Agriculture Business and Technology paid internships every semester for Maui County students. GIA funds may also be used to support these other paid work-based learning programs.

3. Public Purpose and Need

As the pandemic and the more recent Maui wildfires have underscored, Hawai'i needs 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-related sectors – not only Science and Technology and Healthcare and Wellness, but also

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Housing and Construction, Energy, and the Eco-Economy (conservation, resource management, etc.) – 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, the latest version of the Hawai‘i State CEDS available. 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 relatively stable during the pandemic, unlike more volatile industries reliant on tourism. The report further emphasizes that Hawai‘i’s unique location and environment make it an ideal location for scientific research and innovation, especially with respect to marine sciences, climate sciences, alternative energy, 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.”¹ 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.”

STEMworks’ push to grow the STEM education-to-workforce pipeline is also informed by statewide employment and occupational data, both with respect to number of jobs and median wage. Statewide, Healthcare and Social Assistance added the greatest number of jobs in 2025 compared to all sectors of Hawai‘i’s economy, with an increase of approximately 3,200 jobs, and it is the single largest non-agriculture sector in the state in terms of total number of jobs at 78,800 (November 2025 YTD). Healthcare worker shortages continue to be a top concern as STEMworks prioritizes healthcare career awareness and work-based learning in our programming. The Natural Resources, Mining, and Construction sector also grew significantly in 2025, with a 1,450 job increase. The need for more highly qualified state and county government workers with STEM expertise also drives our programming; State Government was the second largest non-agriculture sector (after Healthcare) with 72,600 jobs overall in 2025, and it grew by 1,850 jobs in 2025.² To ensure that these industries’ skilled workforce needs can be met without additional immigration from the continent, our local students need to develop as early as possible the technical knowledge, professional acumen, and self-confidence required to study STEM after high school and pursue STEM-related careers as adults.

Finally, a pressing social issue that informs STEMworks’ programming is the outmigration of Hawai‘i’s youth to the continent. Preventing this “brain drain,” where young people leave Hawai‘i to pursue higher

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

² DBEDT. Labor Market Dashboard, November 2025 YTD . <https://dbedt.hawaii.gov/economic/labormarket-dashboard/> Accessed January 2026.

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education or career pathways on the continent and never move back, is critically important, as disaster-impacted and lower-income residents are those most likely to leave. While the overall rate of out-of-state migration for the entire state actually decreased after the Maui wildfires, a recent UHERO report estimates that the Lahaina outmigration rate jumped from 1.92% before the fires to 4.31% after (compared to the state rate outside of Maui dropping from 2.59% to 2.26% over the same time period), and the population of Maui has fallen by at least 1,000 individuals since the fires.³ Through STEMworks' internship programs and career awareness events, we aim to create professional relationships between local students and Hawai'i 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 Hawai'i DOE schools across the state will be served through this project. The program aims for expanded reach in rural areas, and we prioritize making our resources and events accessible to neighbor island schools whenever possible. Since the start of the pandemic in 2020, STEMworks has incorporated offering virtual events via Zoom in addition to in person, especially for teacher professional development sessions, allowing us to reach a greater number of teachers. Our Lending Library resources are also available to all teachers regardless of school location; we ship our Lending Library 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 has and will continue to maintain ongoing communications with Lahaina teachers and administrators to identify how best we can best support them. Due to continued challenges and changes with respect to disaster recovery, STEMworks will follow the recommendations and requests of Lahaina-based educators as they develop and arise rather than pre-planning programming for Lahaina students.

5. Geographic Coverage

As explained above, the proposed funding will serve students and teachers from the islands of O'ahu, Kaua'i, Maui, Molokai, Lāna'i, 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, offering both virtual and in-person events to reach more geographically isolated teachers. In-person events for both students and teachers are organized primarily on Maui and O'ahu, and funding is allocated when possible to cover inter-island travel for our neighbor island students, teachers, and staff.

III. Service Summary and Outcomes

1. Scope of Work, Tasks and Responsibilities

³ Dylan Moore, Baybars Karacaovali. UHERO Blog Post. "Migration Effects of the Maui Wildfires: Early Indicators from State Tax Filings." 14 January 2025. <https://uhero.hawaii.edu/migration-effects-of-the-maui-wildfires-early-indicators-from-state-tax-filings/>

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Code.org Computer Science/AI Training

STEMworks™ trains educators to engage students in cross-curricular computer science (CS) 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 access for students of high need as well as expand computer science literacy for all students across Hawai‘i.

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, including new AI expansion, 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), AP Computer Science (CSA) (Grades 10-12), and Artificial Intelligence Foundations (AIF) (Grades 9-12). We anticipate working with at least 5 cohorts of teachers during 2027, with 20-25 meetings and workshops being offered.

Code.org curricula are aligned with CSTA K-12 CS standards and are designed for all grade levels to attract non-traditional students to CS and support broad engagement. They progress to a more rigorous dive into CS, the goal being that students will matriculate into an 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 HDOE, STEMworks provides PDERI credits to interested teachers who successfully complete their chosen training programs. 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 CS career pathways, 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. In 2027, STEMworks will continue to offer these workshops to Hawai‘i 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, 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 our Code.org workshops, which are shipped to teachers participating virtually. In prior years, Code.org provided \$1,500 reimbursements to cover travel costs, ensuring that the program was accessible to teachers from all islands. Due to changes to Code.org’s federal funding, these travel reimbursements from Code.org will no longer be guaranteed; this will require STEMworks to use more of our own grant funding, including from this GIA, to cover the costs of in-person workshop participation for neighbor island teachers. As we also face federal funding reductions, STEMworks continues to aggressively seek additional sources of funding, both public and private, to ensure that the

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scope of our Code.org teacher training program continues to grow and that we keep making progress towards our goal of all DOE students having access to CS courses from trained and certified teachers.

STEMworks will also provide ongoing support to our trainees through a mentoring program in which trained CS teachers support new teachers who are currently participating in our Code.org workshops. STEMworks also plans to host curriculum review workshops for teachers who have attended trainings in the past but need a refresher, giving them an opportunity to connect with other teachers who are actively teaching the curriculum.

To expand the reach of our program, STEMworks will make special outreach efforts to schools which are currently not offering CS or are at high risk of losing CS teachers. According to Code.org's 2025 State of CS Education report, 67% of public high schools in Hawaii offered foundational computer science courses in the 2024-25 school year (24th in the nation; down from 72% in 2022-23 and 2023-24). Attrition is a major factor, as well as the HIDOE's protracted delay in changing and implementing their PEDERI credit criteria. Many teachers postponed enrolling in our Code.org trainings, which require a significant time commitment, until PEDERI credits were again available. To support the state's goal of having 100% of public schools offer CS, STEMworks will continue to expand our network of teachers and share information about our CS training offerings. This outreach will include in-person visits to remote schools, such as those on Molokai, and participation in large events such as Schools of the Future on Oahu. STEMworks will also regularly collaborate and communicate with our partners, including Code.org, HIDOE, and industry partners to further this goal. As mentioned, HIDOE delays with respect to approving PEDERI credits for our trainings contributed to a reduction in the number of teachers who enrolled in our trainings in 2024 and 2025, demonstrating that offering PEDERI credits is critical to attracting HIDOE teachers to participate in our programs.

To complement our CS teacher training offerings, STEMworks will also provide support to schools to host Hour of Code and Hour of AI activities for National CS Education Week, traditionally taking place in the first full week of December. By supporting teachers through the provision of supplies and templates to execute Hour of Code in their classrooms, students will have the opportunity to take part 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.

Other Teacher Professional Development Opportunities

STEMworks will organize and facilitate at least 4 additional GIA-funded professional development sessions (not including those offered as part of Code.org workshops or during the Hawai'i STEM Conference) for teachers to cover skills and technology related to in-demand careers. These will be led by industry experts, and potential topics may include but are not limited to Artificial Intelligence (AI), Geographical Information Systems (GIS), Digital Media, and CAD. These sessions may be offered virtually to allow for maximum geographic reach, and to incentivize active participation, teachers will be provided with a small stipend upon successful completion of the PD sessions.

Student Career Awareness Events and the Hawai'i STEM Conference

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With the support of GIA funding, STEMworks will facilitate and host the two-day 18th Annual Hawai'i STEM Conference in 2027 to inspire students to pursue STEM degrees and careers, provide STEM networking opportunities, and teach students and educators about new topics, skills, and tools that they can use to positively impact their communities. STEMworks aims to host at least 400 Hawai'i students in grades 6-12 and 100 educators at this event. STEMworks will also recruit over 100 industry professionals to participate in the event as breakout session presenters, exhibitors, keynote speakers, and networking session speakers. Each student will have the opportunity to attend 4 breakout sessions (out of approximately 20 unique options) and 2 keynote talks, participate in 5-10 different competitions (offered both prior to the conference and on-site during the event), explore new STEM tools and chat with industry professionals in the exhibit hall, and socialize with their peers during an evening networking event. A significant portion of the funding budgeted for the conference will be used to cover the cost of travel and accommodation for neighbor island students and teachers. Additional costs include venue expenses, food, A/V, and keynote speakers' travel. The 2027 Hawaii STEM Conference venue and exact dates have yet to be confirmed.

At least 10 additional STEMworks career awareness events and camps will also be supported by the requested GIA funding. In 2025, our career awareness events and camps included: Introducing Engineering Careers on Oahu, Introducing Engineering Careers on Maui, 3 How to Save a Life healthcare events in collaboration with Maui Health, 2 Healthcare Exploration Days in collaboration with Kaiser Permanente on Maui, Camp Kauwela (a week-long summer camp emphasizing the connections between STEM and Hawaiian culture), Space Day at MEDB's annual AMOS Conference on Maui, Fall Innovators Camp during October break, Automotive Exploration Day on Maui exclusively for Molokai and Lahaina students, Inouye Telescope Field Trip in partnership with National Solar Observatory (the first-ever student trip into the Inouye Telescope facility), and GIS Day on Hawaii Island in partnership with UH Hilo. With offerings for both middle and high school students, these events all feature engaging, hands-on activities led by STEM experts, ensuring that all students regardless of prior STEM knowledge or interest levels can have fun while learning about Hawaii-based STEM careers. Teachers also participate in most of these events as chaperones, allowing them to speak directly with STEM industry professionals, learn about industry-standard technology and research developments, and observe activities that they can later implement in their classrooms with other groups of students.

After all student events, a post-event survey will be administered to student participants. They will be asked to reflect on what they learned during the event and report on how the event changed their interest in studying STEM in school and their interest in pursuing a career in a STEM field. Surveys also provide students with a platform to share feedback and recommendations to STEMworks staff.

Lending Library Classroom Supplies and Software

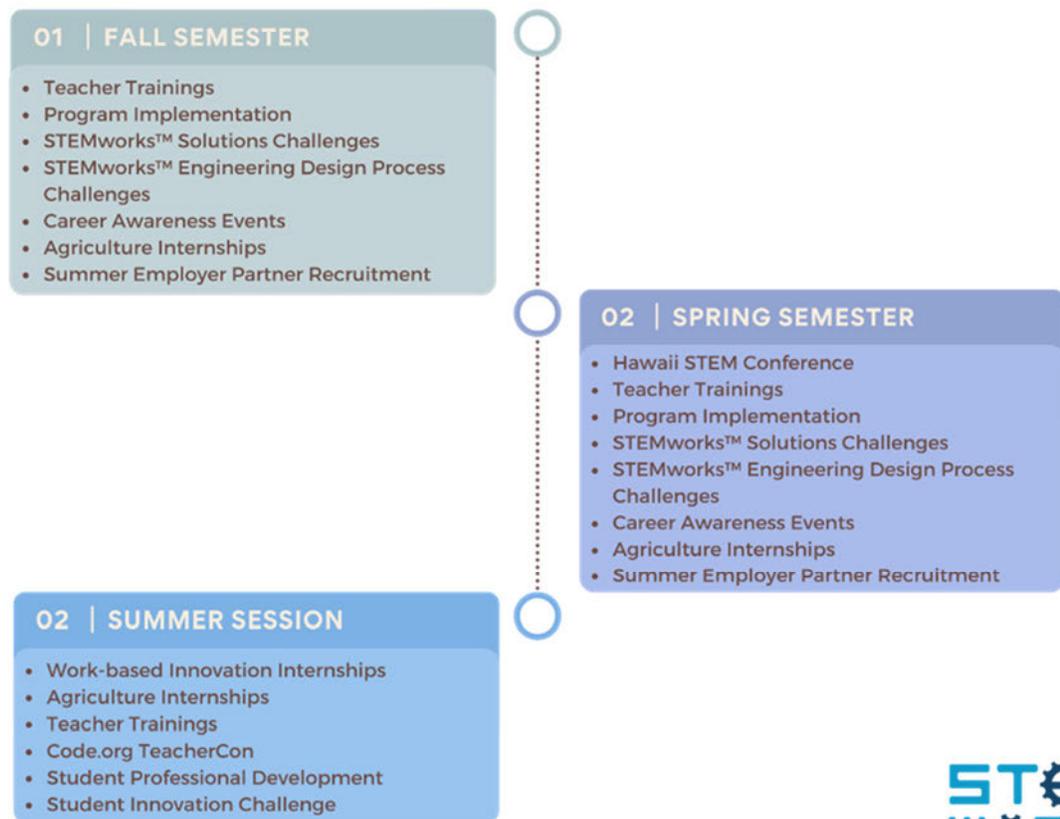
Thanks in part to the funding provided by this GIA, STEMworks will continue to maintain our Lending Library to provide technology and other teaching and classroom resources to our teachers across the state. Our goal is to deploy at least 500 items from the Lending Library in 2027. STEMworks will regularly evaluate our current Lending Library items and seek new technology when appropriate. To support teachers, students, and our interns, we also provide software licenses to our program participants. Our aim in 2027 is to distribute at least 1,000 licenses or subscriptions for software and applications such as CAD, ArcGIS, Minecraft Education, DroneBlocks, and CoSpaces Edu.

Paid Internships and Work-Based Learning

STEMworks will continue its successful statewide Innovation Internship program, which provides paid work-based learning opportunities for young professionals from grade 11 to early career. These summer internships will be 6 weeks long, requiring 20 hours of work per week in addition to professional development sessions facilitated by industry guest speakers, and all participants will be required to give a final presentation. The interns are paired with local industry partners on specific projects driven by real issues and problems faced by professionals in the relevant industry. This GIA will cover the cost of approximately 10 intern stipends. This program runs from June to July each year.

2. Projected Timeline

Below is the typical school year calendar for STEMworks Programming, subject to change depending on the availability of staff and national holiday and DOE vacation dates.



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

3. Quality Assurance and Evaluation Plans

Applicant: Maui Economic Development Board, Inc.

Each event or ongoing program 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 student interest in STEM subjects and careers, awareness of new STEM careers, favorite activities during the event, and feedback for future events. For teacher participants, professional development event surveys will collect feedback 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.

Informal feedback will also be solicited verbally by STEMworks staff from teachers, students, and industry professionals during and after 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 (research activities are 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. **Measures of Effectiveness**

Note that these measures of effectiveness cover only those aspects of STEMworks programming that will be directly supported by this GIA, which include our STEMworks Innovation Internship program, the annual Hawai'i STEM Conference, 10 student career awareness events, Lending Library supplies, our Code.org teacher trainings, and 4 additional teacher professional development sessions. This GIA is strategically leveraged to secure other grants, and as such, all STEMworks programming is impacted and made possible by this GIA. STEMworks is supported by a diverse portfolio of both private and public funds which collectively make it possible to maintain and expand our statewide programming, which significantly exceeds the scope of the measures below, providing a multiplier effect.

Program	Measures of Success
Computer Science Teacher Training through Code.org	<ul style="list-style-type: none">● 100 teachers trained● At least 6,000 students impacted
Work-based Learning Internships	<ul style="list-style-type: none">● At least 10 paid internship placements supported by GIA● At least 1,200 on-the-job hours

<p>Lending Library Classroom Supplies and Software Distribution</p>	<ul style="list-style-type: none"> ● At least 500 items deployed from Lending Library ● At least 1,000 licenses/subscriptions distributed to students/teachers for industry-aligned software/applications including but not limited to CAD, ArcGIS, Minecraft Education, DroneBlocks, Unity, Unreal Engine, MergeEdu AR, CoSpaces Edu
<p>Hawai‘i STEM Conference</p>	<ul style="list-style-type: none"> ● 400+ students in attendance from Title 1 schools ● 100 educators in attendance ● 8 teacher professional development sessions ● At least 30 unique student hands-on sessions ● 5 STEM competitions ● Exposure to at least 20 STEM careers in Hawai‘i ● 75% of student participants report increased interest in STEM careers
<p>Additional Teacher Professional Development Sessions</p>	<ul style="list-style-type: none"> ● Offer at least 4 additional teacher professional development events (either virtual or in-person) ● At least 70% of teachers surveyed report that PD skills are directly relevant to classroom needs
<p>Student Career Awareness Events</p>	<ul style="list-style-type: none"> ● Organize and run 10 student career awareness events (not including the Hawaii STEM Conference) with at least 500 participants in total ● At least 75% of students surveyed report increased interest in STEM careers after event

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.

Applicant: Maui Economic Development Board, Inc.

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.

ATTACHMENT IV.1.a.

BUDGET REQUEST BY SOURCE OF FUNDS

Period: July 1, 2026 to June 30, 2027

Applicant: Maui Economic Development Board, Inc.

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	91,498	12,125	99,752	72,878
2. Payroll Taxes & Assessments	9,756	1,293	10,636	7,771
3. Fringe Benefits	28,746	3,809	31,339	22,896
TOTAL PERSONNEL COST	130,000	17,227	141,727	103,545
B. OTHER CURRENT EXPENSES				
1. Airfare, Inter-Island (staff)	2,000	0	0	0
2. Insurance			0	0
3. Lease/Rental of Equipment			0	0
4. Lease/Rental of Space			0	0
5. Staff Training			0	0
6. Supplies	0	0	0	0
7. Telecommunication			0	0
8. Utilities			0	0
9. Consultants - Training Facilitators	30,000	25,000	20,000	20,000
10. Classroom Supplies, Software & Tech Tools	26,333	10,000	8,925	7,500
11. In-person training support costs (incl. Teacher Con and PD at HI STEM Conf)	50,000	26,106	25,000	25,000
12			0	0
13			0	0
14. Student Training and Career Engagement (incl. student PD and awareness activities)	20,000	5,000	0	30,396
15. Work-based Learning, incl Student Stipends	40,000	50,000	50,000	50,000
16. Participant Support Costs (incl. interisland participant travel and teacher stipends)	0	0	25,000	30,000
			0	0
20. Indirect Costs, Federally Negotiated (provisional)	51,667	16,667	29,348	33,559
TOTAL OTHER CURRENT EXPENSES	220,000	132,773	158,273	196,455
C. EQUIPMENT PURCHASES				
D. MOTOR VEHICLE PURCHASES				
E. CAPITAL				
TOTAL (A+B+C+D+E)	350,000	150,000	300,000	300,000
SOURCES OF FUNDING		Budget Prepared By:		
(a) Total State Funds Requested	350,000	Michelle Cocca	808-875-2388	
(b) Total Federal Funds Requested	150,000	Name (Please type or print)		Phone
(c) Total County Funds Requested	300,000		1/23/2026	
(d) Total Private/Other Funds Requested	300,000	Signature of Authorized Official		Date
TOTAL BUDGET	1,100,000	Leslie Wilkins, President and CEO		
		Name and Title (Please type or print)		

BUDGET JUSTIFICATION - PERSONNEL SALARIES AND WAGES

Period: July 1, 2026 to June 30, 2027

Applicant: Maui Economic Development Board, Inc.

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		0.00%	\$ -
Program Lead	1	\$82,000.00	25.00%	\$ 20,500.00
Technical Expert - Computer Science	1	\$88,000.00	50.00%	\$ 44,000.00
Technical Expert - Research and Analytics	1	\$82,000.00	20.00%	\$ 16,400.00
Program Manager	1		0.00%	\$ -
Program Specialist	0.5		0.00%	\$ -
Program Specialist	1		0.00%	\$ -
Program Assistant	1	\$52,000.00	20.38%	\$ 10,597.75
Program Manager	0.5		0.00%	\$ -
Program Manager	0.5		0.00%	\$ -
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL:				91,497.75
JUSTIFICATION/COMMENTS:				

ATTACHMENT IV.1.c.
BUDGET JUSTIFICATION - EQUIPMENT AND MOTOR VEHICLES

Period: July 1, 2026 to June 30, 2027

Applicant: Maui Economic Development Board, Ir

DESCRIPTION EQUIPMENT	NO. OF ITEMS	COST PER ITEM	TOTAL COST	TOTAL BUDGETED
none			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS:				

DESCRIPTION OF MOTOR VEHICLE	NO. OF VEHICLES	COST PER VEHICLE	TOTAL COST	TOTAL BUDGETED
none			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
TOTAL:				
JUSTIFICATION/COMMENTS:				
There are no equipment costs anticipated for this program.				

ATTACHMENT IV.1.d.
BUDGET JUSTIFICATION - CAPITAL PROJECT DETAILS

Period: July 1, 2026 to June 30, 2027

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:2023-2024	FY:2024-2025	FY:2025-2026	FY:2025-2026	FY:2026-2027	FY:2027-2028
PLANS						
LAND ACQUISITION						
DESIGN						
CONSTRUCTION						
EQUIPMENT						
TOTAL:						
JUSTIFICATION/COMMENTS: There are no capital improvement activities anticipated for this grant.						

ATTACHMENT IV.1.e.

GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Applicant: Maui Economic Development Board, Inc.

Contracts Total: 19,448,200

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)	CONTRACT VALUE
1	Comperhensive Economic Development Strategy	5/18/23 - 12/31/24	Office of Economic Dev	County of Maui	320,000
2	Economic Diversificaton and Workforce Develo	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	975,000
3	Economic Diversificaton and Workforce Develo	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	926,250
4	Economic Diversificaton and Workforce Develo	7/28/23 - 12/31/24	Office of Economic Dev	County of Maui	975,000
5	Maui County High School Automotive Programs	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	62,000
6	Maui County High School Automotive Programs	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	57,000
7	Maui County High School Automotive Programs	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
8	Health Sector Partnerships and Mentoring	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	57,000
9	Health Sector Partnerships and Mentoring	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	57,000
10	Health Sector Partnerships and Mentoring	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
11	Ka Ipu Kukui Fellowships	8/4/23 - 8/3/24	Office of Economic Dev	County of Maui	70,000
12	Maui Business Bridge Grants	8/8/23 - 12/31/25	Office of Economic Dev	County of Maui	7,985,000
13	Wailuku Film Festival	7/1/25 - 6/30/26	Office of Economic Dev	County of Maui	90,250
14	Maui Film Festival	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	95,000
15	STEMworks AFTERSchool	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	213,750
16	STEMworks AFTERSchool	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	213,750
17	STEMworks AFTERSchool	7/25/23 - 7/24/24	Office of Economic Dev	County of Maui	225,000
18	STEM Pipeline	9/22/22 - 9/30/25	Department of Educatio	U.S.	500,000
19	Ke Alahele Center - HVAC Improvements	4/1/23 - 3/31/25	Office of Community Se	State of Hawaii	460,000
20	STEM and Computer Science	7/1/25 - 12/31/26	Office of Community Se	State of Hawaii	150,000
21	STEM and Computer Science	7/1/24 - 6/30/25	Department of Educatio	State of Hawaii	100,000
22	STEM and Computer Science	7/1/23 - 12/31/24	Department of Educatio	State of Hawaii	400,000
23	STEM and Computer Science	4/1/23 - 3/31/25	Office of Community Se	State of Hawaii	550,000
24	Community Navigator Pilot Program	12/1/21 - 5/31/24	Small Business Adminis	U.S.	1,000,000
25	Accelerating Small Businesses in Space Econo	10/1/24 - 9/30/26	Small Business Adminis	U.S.	1,750,000
26	Maui Aerospace Business Training Program	4/1/25 - 3/31/26	Hawaii TechnologyDeve	State of Hawaii	382,500
27	Maui Aerospace Business Training Program	4/29/24 - 3/31/25	Hawaii TechnologyDeve	State of Hawaii	382,500
28	STEMworks	2/1/24 - 1/31/25	New Mexico Technolog	U.S. (AFRL subav	231,200
29	Partnership Intermediary Agreement	7/29/24 - 7/28/29	Air Force Research Lab	U.S.	500,000
30	Maui Advanced Manufacturing Partnership	1/1/25 - 12/31/26	Economic Development	U.S.	600,000

Applicant: Maui Economic Development Board, Inc.

2. The applicant shall provide its anticipated quarterly funding requests for the fiscal year 2026.

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total Grant
80,000	100,000	100,000	70,000	350,000

3. The applicant shall provide a listing of all other sources of funding that they are seeking for fiscal year 2027.

SEE ATTACHMENT IV.3.

ATTACHMENT IV.3.
GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID
(sought for FY27)

Applicant: Maui Economic Development Board, Inc.

Total: 16,143,000

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)	CONTRACT VALUE
1	Economic Diversificaton and Workforce Develop	1/1/27 - 12/31/27	Office of Economic Dev	County of Maui	975,000
2	Maui County High School Automotive Programs	1/1/27 - 12/31/27	Office of Economic Dev	County of Maui	57,000
3	Health Sector Partnerships and Mentoring	1/1/27 - 12/31/27	Office of Economic Dev	County of Maui	57,000
4	Maui Film Festival (or equivalent)	1/1/27 - 12/31/27	Office of Economic Dev	County of Maui	90,250
5	Maui Film Office	1/1/27 - 12/31/27	Office of Economic Dev	County of Maui	250,000
6	STEMworks AFTERschool	1/1/27 - 12/31/27	Office of Economic Dev	County of Maui	213,750
7	Disaster Supplemental - HI Aerospace Econom	7/1/26 - 06/30/29	Economic Development	U.S.	2,000,000
8	Partnership Intermediary Agreement (add-on)	7/29/24 - 7/28/29	Air Force Research Lab	U.S.	250,000
9	Maui Aerospace Business Training Program	4/1/26 - 3/31/27	Hawaii TechnologyDeve	State of Hawaii	250,000
10	Disaster Supplemental - Advanced Manufacturi	7/1/26 - 06/30/29	Economic Development	U.S.	12,000,000
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Applicant: Maui Economic Development Board, Inc.

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.

Employer Retention Credit, 2020 Q2	\$37,870.16 (received Sep 2025)
Employer Retention Credit, 2021 Q1	\$73,140.47 (received Aug 2025)
Employer Retention Credit, 2021 Q2	\$70,763.41 (received Aug 2025)

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 2027 for program funding.

SEE ATTACHMENT IV.5

ATTACHMENT IV.5.
GOVERNMENT CONTRACTS, GRANTS, AND / OR GRANTS IN AID

Applicant: Maui Economic Development Board, Inc.

Contracts Total: 19,448,200

	CONTRACT DESCRIPTION	EFFECTIVE DATES	AGENCY	GOVERNMENT ENTITY (U.S./State/Hawaii/ Honolulu/ Kauai/ Maui County)	CONTRACT VALUE
1	Comperhensive Economic Development Strategy	5/18/23 - 12/31/24	Office of Economic Dev	County of Maui	320,000
2	Economic Diversificaton and Workforce Develo	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	975,000
3	Economic Diversificaton and Workforce Develo	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	926,250
4	Economic Diversificaton and Workforce Develo	7/28/23 - 12/31/24	Office of Economic Dev	County of Maui	975,000
5	Maui County High School Automotive Programs	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	62,000
6	Maui County High School Automotive Programs	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	57,000
7	Maui County High School Automotive Programs	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
8	Health Sector Partnerships and Mentoring	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	57,000
9	Health Sector Partnerships and Mentoring	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	57,000
10	Health Sector Partnerships and Mentoring	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	60,000
11	Ka Ipu Kukui Fellowships	8/4/23 - 8/3/24	Office of Economic Dev	County of Maui	70,000
12	Maui Business Bridge Grants	8/8/23 - 12/31/25	Office of Economic Dev	County of Maui	7,985,000
13	Wailuku Film Festival	7/1/25 - 6/30/26	Office of Economic Dev	County of Maui	90,250
14	Maui Film Festival	1/1/24 - 12/31/24	Office of Economic Dev	County of Maui	95,000
15	STEMworks AFTERSchool	1/1/26 - 12/31/26	Office of Economic Dev	County of Maui	213,750
16	STEMworks AFTERSchool	1/1/25 - 12/31/25	Office of Economic Dev	County of Maui	213,750
17	STEMworks AFTERSchool	7/25/23 - 7/24/24	Office of Economic Dev	County of Maui	225,000
18	STEM Pipeline	9/22/22 - 9/30/25	Department of Educatio	U.S.	500,000
19	Ke Alahele Center - HVAC Improvements	4/1/23 - 3/31/25	Office of Community Se	State of Hawaii	460,000
20	STEM and Computer Science	7/1/25 - 12/31/26	Office of Community Se	State of Hawaii	150,000
21	STEM and Computer Science	7/1/24 - 6/30/25	Department of Educatio	State of Hawaii	100,000
22	STEM and Computer Science	7/1/23 - 12/31/24	Department of Educatio	State of Hawaii	400,000
23	STEM and Computer Science	4/1/23 - 3/31/25	Office of Community Se	State of Hawaii	550,000
24	Community Navigator Pilot Program	12/1/21 - 5/31/24	Small Business Adminis	U.S.	1,000,000
25	Accelerating Small Businesses in Space Econo	10/1/24 - 9/30/26	Small Business Adminis	U.S.	1,750,000
26	Maui Aerospace Business Training Program	4/1/25 - 3/31/26	Hawaii TechnologyDeve	State of Hawaii	382,500
27	Maui Aerospace Business Training Program	4/29/24 - 3/31/25	Hawaii TechnologyDeve	State of Hawaii	382,500
28	STEMworks	2/1/24 - 1/31/25	New Mexico Technolog	U.S. (AFRL subav	231,200
29	Partnership Intermediary Agreement	7/29/24 - 7/28/29	Air Force Research Lab	U.S.	500,000
30	Maui Advanced Manufacturing Partnership	1/1/25 - 12/31/26	Economic Development	U.S.	600,000

Applicant: Maui Economic Development Board, Inc.

6. The applicant shall provide the balance of its unrestricted current assets as of December 31, 2025.

\$5,172,000

V. Experience and Capability

1. Necessary Skills and Experience

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 25 years. STEMworks™ programs are designed to reach and include underrepresented populations in STEM fields, including girls, women, and underrepresented 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, AI, energy, environmental sciences and agriculture.

MEDB retains independent A-133 audits annually, and due to its years of unmodified opinions and 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 do so:

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 2026, STEMworks has 160 participating teachers from 54 schools across the state.

Annual Hawai‘i 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 17th year in 2026. The conference was held virtually during the pandemic and returned as an in-person event in 2022 at the Hawai‘i Convention Center. In 2025, the conference welcomed over 400 students and teachers from schools across the state as well as over 100 industry professionals, and we anticipate an increase in attendance for our 2026 conference.

STEMworks AFTERschool (SWAS): Our afterschool program has served middle and elementary school students in Maui County for 9 years. At the start of the Fall 2025 semester, the program had 924 students enrolled in total across eight participating schools. This is the most schools the SWAS program has served to date, and multiple schools have student waitlists due growing student demand for the program.

STEMworks Innovation Internships: STEMworks is the longest-serving paid internship program in the state of Hawai‘i, serving students on all islands across the state, with our Innovation Internship program operating for 20 years. In 2025, our 104 innovation interns, the largest cohort in the program’s history, worked with 27 different host companies across the state.

Applicant: Maui Economic Development Board, Inc.

STEMworks Code.org Partnership: STEMworks has worked with Code.org since 2014 and became their official Regional Partner for Hawai'i in 2017. To date, we have provided CS training to 2,046 Hawaii DOE teachers and impacted an estimated 109,655 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 Sheraton Waikiki for the Hawaii STEM Conference (due to Hawaii Convention Center closure for repairs).

VI. Personnel: Project Organization and Staffing

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

MEDB is a non-profit, 501(c)3 organization with over 40 years of experience in program development and implementation to diversify Hawai'i's economy and build the requisite resident skilled workforce. It is led by a 22-member Board of Directors from the state's most recognized leaders in industry, government, academia, and community organizations. Its 34-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 34 staff, 12 staff are dedicated to running educational STEM programs across the state, including two staff members on O'ahu and two on Molokai. MEDB's trained and dedicated STEMworks program staff 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

Wilkins was elected to MEDB's top post in 2017, where she is responsible for overseeing implementation and compliance for all programs, fund development, Board and Community engagement. She was hired in 1999 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 known as STEMworks™ and is recognized as a "national best practices model" and annually serves 30,000 participants across the state. In her tenure at MEDB she has managed more than \$35 million in program funding.

Wilkins is an experienced advocate for education and workforce development. She is a past chair of the Hawaii Commission on the Status of Women, the Hawai'i Workforce Development Council (WDC), and currently serves as chair of Maui County Workforce Board. She is a member of the U.H. College of Engineering Dean's Council, HMSA Foundation Board, and the Maui County Economic Recovery

Applicant: Maui Economic Development Board, Inc.

Commission. She has held state and national leadership roles with the Business & Professional Women's Organization (BPW/USA) for more than three decades.

Katie Taladay, Director of STEM Talent and Ecosystem Development, 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 and is currently a part time instructor at UH Manoa. She manages the STEMworks Innovation Internship Program as well as the MEDB BusinessSPACE program.

Anna Sikkink is the STEMworks™ Program Manager for Computer Science, overseeing our regional partnership with Code.org and serving as 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 in charge of the STEMworks Agriculture Business and Technology Internship Program. She has a BS in Agriculture and an MBA. She is a licensed teacher in the state of Hawai'i with three years of curriculum development and teaching experience.

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

Lalaine Pasion serves as the STEMworks AFTERSchool Program Manager, coordinating the programming for 8 middle and elementary schools across Maui County. She oversees scheduling of more than 40 after school instructors. Her program innovations include aligning culture and science, especially during Camp Kauwela and fall break STEM camps and workshops. She holds an Associates Degree from UH Maui College and a B.S. in Marketing & Business from UH West Oahu.

Hannah Trees is a STEMworks Program Specialist focusing on program assessment and grant reporting. 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.

Jessica Salva is a STEMworks Program Specialist whose areas of expertise include event planning and logistics, finance, and inventory management. Coming to MEDB with an AAS degree in Hospitality and work experience in the Hospitality industry, she serves as a critical point of contact for vendors, venue staff, and teachers participating in our programs. Salva also manages the STEMworks Lending Library.

Applicant: Maui Economic Development Board, Inc.

Ila Ferris serves as a STEMworks Program Manager, specializing in strategic marketing, fostering industry partners, and event planning, with a special focus on the Healthcare industry. With a background in healthcare administration and community outreach, she organizes and facilitates the MEDB-led Maui County Healthcare Sector Partnership. She holds a B.B.A. in Marketing and International Business from the Shidler College of Business, University of Hawaii at Mānoa, with a minor in Communicology.

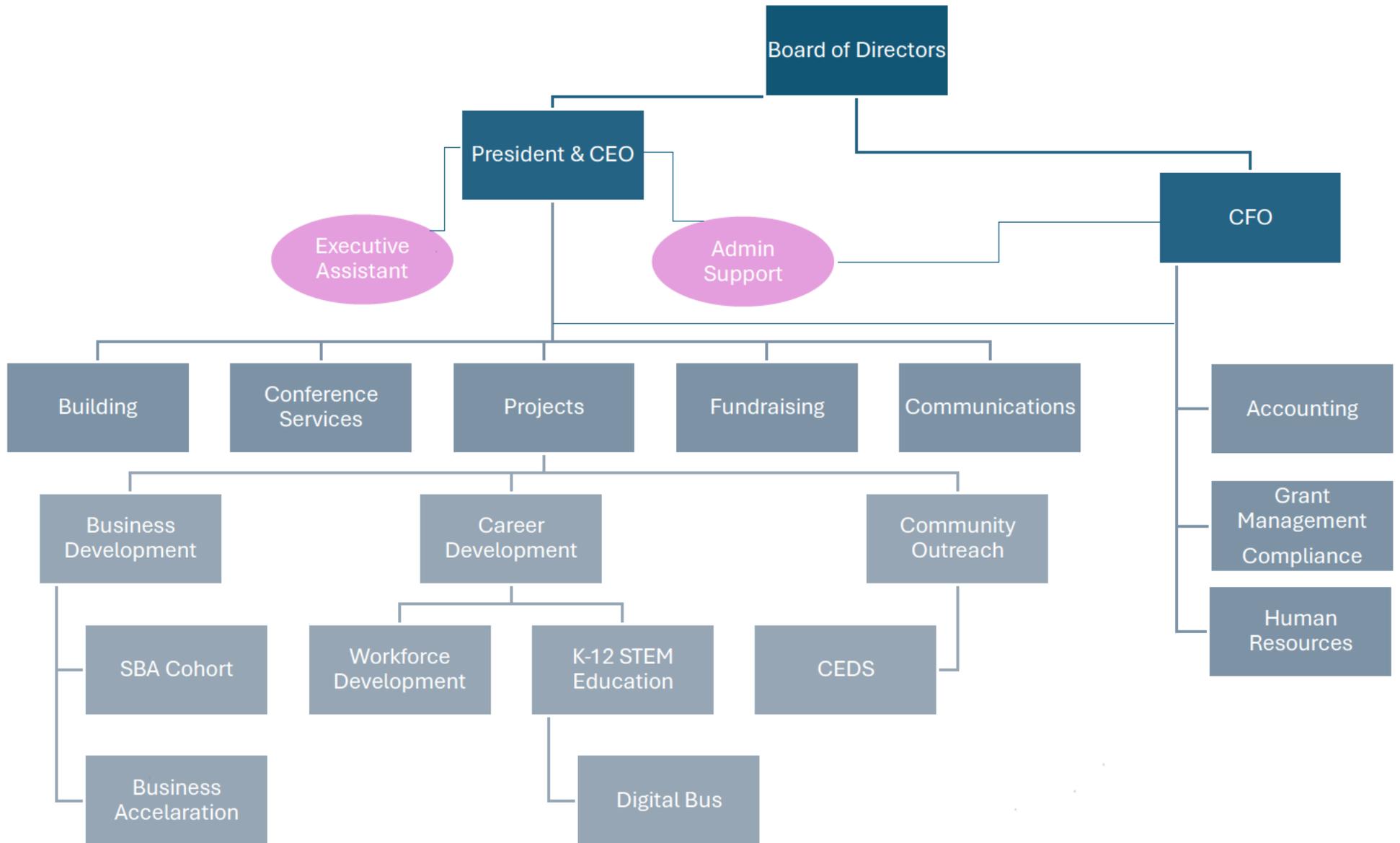
Leina Kamaka is a STEMworks Program Assistant with a focus on event planning and implementation as well as general program administration. She comes to STEMworks with over 20 years of customer service and management experience in the hospitality industry as well as an academic background in elementary 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

MEDB Organizational Chart



Applicant: Maui Economic Development Board, Inc.

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
Chief Financial Officer
Program Director

VII. Other

1. Litigation

Not applicable.

2. Licensure or Accreditation

STEMworks staff include two with Master's Degrees in STEM fields, two MBAs, a PhD, 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 applicant shall provide a plan for sustaining after fiscal year 2027 the activity funded by the grant if the grant of this application is:

- (a) Received by the applicant for fiscal year 2027, but
- (b) Not received by the applicant thereafter.

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 our Lending Library of STEM technology tools, an investment which will equip classrooms for future years beyond the performance period of this grant. MEDB uses state and local funding to be competitive in federal grant applications, most of which require a non-federal match. Last year MEDB's budget was 5% from the state; 10% from the County of Maui; 35% private and 50% from federal grant funds. This demonstrates the strong return on investment MEDB provides back to the state's funding investment in our programs.