

Robotics programs and competitions give our students a chance to explore the various dimensions of science, technology, engineering, and mathematics through an engaging and hands-on course of instruction. Maui Economic Development Board, Inc. (MEDB) supports these programs (e.g., First Lego League (FLL), VEX, Botball, and FIRST League) as important avenues for economic diversification and the inclusion of young women and other underserved populations who historically have been under-represented in STEM education and careers. MEDB welcomes our grant applicants' participation in robotics and hopes your experience will be fun and a substantive learning endeavor.

Below, the MEDB Education Committee has outlined the budget, grant application requirements and subsequent reporting guidelines for Ke Alahele Robotics grants.

I. Budget Guidelines: Funding is divided into two areas: 1) Initial Funding for Materials and 2) Travel. Applicants should submit a detailed budget for **both** areas.

A) Initial Funding for Materials

Initial funding covers the cost of materials needed for the robot. As an applicant, you will be expected to:

- 1) Submit a detailed budget with cost breakdowns of all materials
- 2) Keep a running record of all expenses related to the building and support of the robot. This record will be submitted upon completion of the participation in the program for that cycle.

B) Travel

Travel expenses are contingent upon competition results (i.e., winning a robotics competition) that require students and their teachers or technical advisors to travel. Travel expenses will only cover airfare, lodging, and, if applicable, entry fees to the next level of competition.

II. Inclusion of women, Native Hawaiians, and other *under-represented groups

*(including [people with disabilities](#), disadvantage backgrounds, and racial and ethnic groups such as African Americans, Hispanics, American Indians, Alaskan Natives, and other Pacific Islanders). Applicants will include a statement of how they intend to recruit the participation of women, Native Hawaiians and other under-represented groups in the robotics project.

III. Reporting Guidelines: Once selected, grantees will be expected to share their robotics project and experiences with the MEDB Board of Directors and future applicants. Part of this sharing will include the success of the grantees' efforts to recruit women, Native Hawaiians, and other under-represented groups in the robotics project. The timing and manner of this reporting activity will be determined by the MEDB Education Committee in discussion with grantees.

IV. Application Deadline: Requests for Ke Alahele First Lego League (FLL)/VEX Robotics grants are due into the MEDB office by August 22, 2011 at 4:30 pm, and Botball/FIRST Robotics are due by November 28, 2011 at 4:30 pm.