Budget Justification

Salaries

The project budget provides salary support for the principal investigator (two summer months) and two graduate research assistants (11 months) for each of the three years. The principal investigator will perform or supervise all major system design enhancements and empirical studies, and manage and train the graduate student assistant.

Travel

The project budget provides funds for two trips per year from Hawaii to the mainland. These funds will be used by the principal investigator or graduate assistant to attend two relevant conferences (BECC, ICSE) per year.

Materials and Supplies

The principal investigator directs the Collaborative Software Development Laboratory, which is currently equipped with one enterprise server and several workstations, along with a printer and networking peripherals. The project budget provides funds of $10,000 per year for each year of the grant to provide materials and supplies related to this research, including: (a) computers and storage for research data; (b) software for data analysis; and (c) energy meters and installation for selected dormitories.

Cost breakdown

All calculations are rounded to the nearest dollar.

Summer Salary. The budget provides for two months of summer salary ($12,918) for the principal investigator for each of the three years. A 4% increase is projected for each of the following two years.

Research Assistants. The budget provides for two graduate research assistantships for each of the three years. The salary for each research assistant is based upon an 11 month RA-Step 7 salary ($19,680) for each year, with a 4% increase each year.

Fringe benefits. Fringe benefits for salaries are calculated at 3.5% for the principal investigator and 25% for the graduate assistants.

Overhead. University of Hawaii overhead cost is calculated as 36.7% of Modified Total Direct Costs (MTDC), i.e. salaries, travel, and supplies (equipment is excluded).