Darren Wilkins
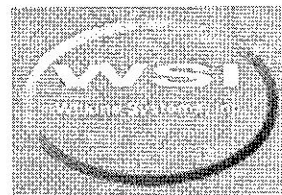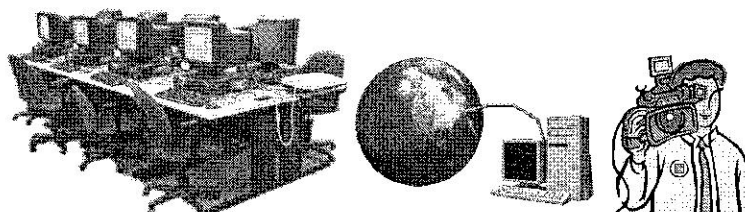**1311 James Avenue**
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Project:

Bringing modern technology to B.W.Harris Episcopal High School

Prepared for: B. W.Harris Episcopal High School Alumni Association- USA

Submitted to: Handel K.C. Diggs, National Chairman

Prepared by: Darren Wilkins, 2nd National Vice Chairman and project(s) lead contact

Project Proposal

Proposal Name: Bringing modern technology to B.W.Harris School
Lead/Contact: Darren Wilkins
Sponsor: B.W.Harris Alumni Association- USA

Idea:

This proposal includes four different projects which are intended to integrate technology into the curriculum of B.W.Harris Episcopal High School in Monrovia, Liberia. Project one involves the installation of a modern 25-computer laboratory. Project two involves the installation of computers with e-mail access and an electronic grade book or grading system for teachers' use. Project three involves the conversion of the library into a media center. This media center will include at least five computers with Internet access for research purposes, an LCD project for presentation, and at least two television sets with DVD/VHS players, along with educational movies that are aligned with the school's curriculum. Project four involves the one-computer classroom. This project includes one computer, a scan converter, and a television. The teacher will create work on the computer which will be displayed on the television to engage the students in the learning process.

Type of Project: __X__ Revenue-generating __X__ Integrating technology in the school's curriculum

Other: __NA__

Educational and/or Business Imperative:

Each of the projects is needed to improve learning at the school, to prepare students for the workplace giving them the basic technology skills that are needed to succeed in today's global community. It will also prepare students for college both locally and internationally. As far as the business imperative is concerned, when used as an after-school or weekend program, the computer lab or media center would generate revenue from the business community, private organizations, individuals, and the government.

Benefits:

The school benefits from this by producing students equipped with skills that are needed to succeed in today's workplace which is primarily run on modern technology. Revenue will be generated from extra-curriculum activities such as after school programs, training etc. Most of all, the school with get competitive advantage which will lead to increased enrollment.

Financial Justification:

Revenue-generating

Training	Microsoft Office	Computer Keyboarding	Internet/E-mail/	Web design	MS Publisher
One-month class- per student	$50	$50	$50	$75	$50
Two-month class- per student	$100	$75	$75	$125	$75
Three-month class- per student	$150	$100	$100	$150	$100

Potential Projects

Project one:

This project includes 25 computers in a lab setting. The computers will be loaded with Microsoft Windows XP operating system, Microsoft Office 2003 productivity suite, Keyboarding software, Microsoft Publisher 2003 for desktop publishing, and Microsoft FrontPage for Web design. Internet access will be available via Microsoft Internet explorer and Mozilla Fire fox provided the school is given Internet access through a local ISP. If networking capability is available, the lab will be set up on a client-server basis where a dedicated server will be made available running Windows 2000 Server for resource sharing and file storage purposes. Please see setting below.

Items needed
1. 25 computers will be donated by an alumnus
2. Installation will be done by an alumnus
3. Training provided by an alumnus
4. Software will be provided by an alumnus
5. Shipping and handling will be the responsibility of the BWHAA- USA

Project two:

This project involves the installation of workstations for teachers' use. Each workstation will have Internet access as well as an e-mail account provided via the Internet. This e-mail account will be provided by Godadday.com through the Alumni association. The teacher's workstation will also have Microsoft Office productivity suite and an electronic grade book system which can be used for grading and attendance purposes.

Items needed

1. Estimated number of classrooms – 15
2. Number of computers needed 25- Ten of these computers will be used by office staff and the administration.
3. E-mail account- provided by Godaddy.Com through BWHAA- USA
4. Grade book system – open source software- Free

Project Three:

Project three involves the conversion of the Library into a media center. This media center will include at least five computers with Internet access for research purposes, an LCD project for presentation, and at least two television sets with DVD/VHS players, along with educational movies that are aligned with the school's curriculum. It will also include video cameras and digital cameras for TV production classes.
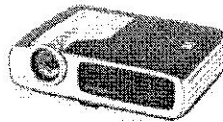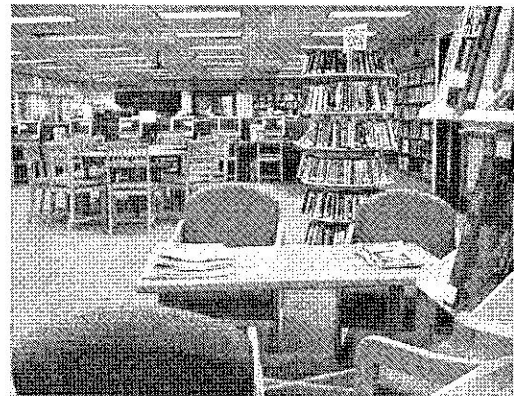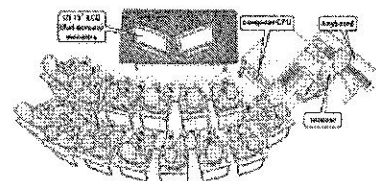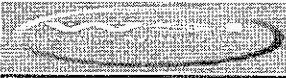
Items required

1. Five computers- provided by an alumnus
2. One LCD projector- provided by an alumnus
3. Two television sets- provided by the BWHAA- USA
4. Two DVD/VHS players- provided by the BWHAA- USA
5. One video camera or Camcorder
6. One digital camera
7. Education videos and DVDs – provided by an alumnus

Project four

Project four involves the one-computer classroom. This project includes one computer, a scan converter, and a television. The

teacher will create work on the computer which will be displayed on the television to engage the students in the learning process.

Items required per classroom
1. One computer
2. One scan converter
3. One television
4. Internet access
5. Educational software

Data Needs:

Data from the project will be made available from lab sign-in sheets, students' performance, Internet statistics, etc. The school will have to implement a process in which data is collected to measure student performance in order to determine the impact the selected project has on the school.

Timing/Implementation:

The project may be implemented in a 9-day to two weeks period depending on the availability of resources and logistics. Below is a tentative schedule for the implementation of any of the proposed projects:

Tentative work schedule

Time	Work expected to be completed
Day 1	Assessment of location and shipment
Day 2	Relocation of materials/computers
Day 3	Installation of computer hardware and peripherals
Day 4	Networking and Software configuration
Day 5	Testing and training of technical
Day 6	Training of technical staff
Day 7	Training of teachers and staff
Day 8	Training of teachers and staff
Day 9	General Training

Interested Parties or Stakeholders:

Interested parties include: B.W.Harris Alumni Association – USA, B.W.Harris Alumni-Liberia, B.W.Harris Episcopal High School faculty, staff, administration and students, Local Internet Service Providers, and others as needed.

Success Matrix/Review:

Factors that will determine the project's success are:

1. Faculty and staff ability to integrate technology into the curriculum, eg: faculty using technology to teach efficiently and effectively
2. An increase in students' academic performance
3. Increase in students' use of technology
4. Enrollment into the after school and weekend program if initiated by the school
5. Response from parents and the community

Alternative Action Plan/Contingencies:

Although not all of the four projects proposed above will be implemented, any one of the proposed projects could serve as a contingency. This is dependent upon the decision made by the 1st vice chairman in consultation with the national chairman.

Tentative/estimated cost of each project

Estimated cost of the project 1- Set up a computer lab

Item	Quantity	Estimated cost/ unit	Total cost
Computers	25	$ 600	$10,5000*
LCD projector	2	$500	$1,000 *
Keyboarding software	Site license	$3,500	$3,500*
MS Publisher	25	$60 per license	$1,500*
Network switches	5	S40	$40.00
Internet Access	30 outlets	TBA- Based on ISP	TBA
Microsoft Office	25	$60 per license	$1,500*

Estimated cost of the project 2- Set up workstations for teachers and administrators

Item	Quantity	Estimated cost/ unit	Total cost
Computers	25	$ 600	$10,5000*
E-mail accounts	100	$30 for 2 years	$30.00
Keyboarding software	Site license	$3,500	$3,500*
MS Office	25	$60 per license	$1,500*
Internet Access	30 outlets	TBA- based on ISP	TBA
Grade book software	25	TBA	TBA

Estimated cost of the project 3- Convert library to media center

Item	Quantity	Estimated cost/ unit	Total cost
Computers	5	$ 600	$3,000*
LCD projector	2	$500	$1,000 *