

## Application Procedure

Schools collect an application form from the Camara Zambia hub which they take to be filled in and then brought back to the hub. The schools application is acknowledged with a confirmation letter then given a number and filled.

The school is given a Camara lab setup guide to help them build a computer lab that meets Camara requirements and they are encouraged to start preparing the lab.

Then Camara Zambia allocates computers to schools on the first ready, first serve basis and the number allocated to a school is dependent on the size of the lab

Its only after the allocation and approval of the schools computer lab that the school is asked to bring 2 to 3 teachers for training, the training is given to the teachers free of charge. After all these stages have been completed successfully then computers are delivered to the school.

## Standard PC Specifications

We charge a handling fee of **K300, 000** inclusive of shipping per computer for our standard PCs which have the following specifications:

100% Pentium 4 or Pentium 3 or equivalent PCs with:

- A minimum of 256 Mb RAM
- Between 800 MHz - 3.0 Ghz+ processors (AMD processor, Celeron processor)
- Between 10 GB and 80 Gb+ hard disks
- 100% of P4s have CD-ROM or DVD Drives
- 100% of machines will have either a USB port or floppy disk drive

Each machine is a full system, complete with its own colour monitor, keyboard, mouse and cables. Power plugs are UK standard (three square pins).

Our monitors are approximately 10% 15 inch and 90% 17 inch. Once again we do not distinguish between 15 inch and 17 inch monitors when costing.

CD-ROM or DVD drives are supplied as standard in 100% of our machines. Network cards are supplied as standard in 100% of our machines. Most of our machines will have a USB port either at the back or front of the computer. We will ensure that your computer has either a USB port or floppy disk drive.

## Software

As standard our machines come with Ubuntu Linux operating systems pre-installed and open office open source software.

Its Camara policy that all the pre installed open source software should not be removed from the computers or be installed with windows operating system and application software.



Camara Education Limited is a registered Irish Charity ([CHY 16922](#)) supported by the Irish Government and by charitable donations.

## Vision Statement

A world where even the poorest have access to quality education

## Mission Statement

Camara is a volunteer organisation dedicated to using technology to deliver education more effectively to disadvantaged communities in Africa and Ireland.

## CAMARA ZAMBIA

C/O Kitwe College of Education

P.O. Box 22596

Kitwe

## What We Do

Camara operates as a social enterprise and operates in two distinct business lines: 'Education Delivery' and 'Computer Reuse'. The connection between these two, seemingly disparate activities is TECHNOLOGY.

We take in used computers from Irish companies and individuals, wipe their hard drives of data (in line with US Department of Defense standards), refurbish and load them with educational software before setting them up as Learning Centres in schools in Africa and Ireland.

We train teachers to use these computers as tools to improve the delivery of education to their students.

We produce computer training and educational multimedia materials for use by teachers and children.

## What we believe

Camara is a West African word that means "one who teaches with experience." When Camara was established in 2005, we were driven by two core beliefs: 1) Education is the key for people to break the cycle of poverty they find themselves in; and 2) properly used, Information and Communication Technologies (ICT) can be harnessed to revolutionize the way world class education is delivered to disadvantaged communities.

## How We Do It

### Electronic Waste Reuse

Camara collects redundant computers from Irish organisations and individuals. These

2

computers are refurbished by Camara before being shipped out to Africa where they are set up in 'Learning Centres' in schools and colleges. Any equipment that cannot be reused in this fashion is then recycled in Ireland according to the EU WEEE Directive.

Since 2005, Camara has processed approximately 17,500 redundant Irish computers, some 14,500 of which have been reused as educational tools with the remaining 3,000 being recycled. Re-used computers are shipped, in bulk by container to our technology Hubs in Africa where further processing takes place. Each container typically holds approximately 500 machines.

### Education Delivery

Our technology Hubs in Africa carry out additional quality control tests on the machines before loading a full package of educational software onto them. These machines are then installed in Learning Centres in African schools to provide educational tools to some of the poorest people in the world. This deployment of hardware however is only one aspect of Camara's 'Education Delivery' business.

In order to support these education tools and promote our Technology-enhanced Learning (TeL) program, Camara's African Hubs also provide other key services:

1. Maintenance Support. Each school signs a maintenance contract with Camara which ensures that the Learning Centres are kept operational should any technical issues arise.

3

2. Teacher Training. In the majority of schools where Camara has installed computers, African teachers have little or no knowledge of how to use them.



3. Therefore as part of our sales contract, Camara organises a variety of training programs, aimed at teachers, which allows them to effectively use the computers as learning tools. This training consists of:
  - Basic computer literacy skills.
  - The Pedagogy of ICT. Essentially how to use Information and Communications Technology (ICT) to teach other subjects such as science and maths.
  - Learning Support. For selected teachers this would include: basic maintenance; administration of the Learning Centre; and 'Train the Trainer' courses.
3. African Recycling. At the end of a computer's life, schools are encouraged to return the machine to the Hub where it will be recycled according to strict Camara guidelines.

4