



Offline Digital Library with Multimedia Hotspot

Background

In early 2018 LEDO introduced to the Hannah-Emuriakin School eLearning in order to enhance possibilities for students and teachers to access a wider range of learning materials which, due to lack of an on-site library, would not otherwise be available in a remote area such as Lokichoggio. This was done through a considerable investment both in hardware, such as tablets, a wireless Content Access Point, computers and through extensive training of teaching staff at the school.

The use of the equipment proved very helpful in particular for the KCPE candidates in 2018 who performed extremely well in their exams, putting the HE School on the national map of excellent schools.

However, within less than a year the tablets and other hardware started failing to the extent that by mid 2019 the eLearning Lab was no longer in use.

wiLEARN

wiLEARN is a Swiss based organisation focused on providing access to digital learning materials for schools and communities in developing countries. wiLEARN are currently working with projects in six different countries including Kenya. wiLEARN has developed a set of integrated, robust and reliable hardware and software systems with focus on Offline, Off-grid and Open Source. Which means that remote communities can have full access to essential digital learning materials which is free and without having to rely on grid-power or internet. The wiLEARN systems are of course adapted to the availability of resources such as electricity and internet. See wiLEARN.org and www.wiLEARN.ch for more information.

wiLEARN 4 Life stands in the gap of the digital divide. Children hungry for knowledge can now freely access multimedia libraries. We teach mobile learning competencies to make life-long learning a reality to the bottom billion. Because ICT skills have become vital for an active participation in a digitised world.

wiLEARN has also developed a comprehensive training package for users of their products and this is offered through online training to customers and areas and does not require the physical presence of a trainer from wiLEARN.

The Hannah-Emuriakin IT-lab

The school has an IT-lab equipped with a range of used laptops and desktop computers. A significant number of the computers are old, slow and installed with earlier versions of operating systems (Windows etc.) and some computers have technical problems beyond repair or stopped working all together.

The equipment is still used for the teaching of basic computer skills as per the Kenyan Curriculum. But the school still lacks access to a comprehensive Digital Library through the use of tablets etc.

With an ever-increasing need for learners to master basic subjects, to be able to broaden their world view as well to know how to access information and to stay competitive in a modern society there is a genuine need for a re-introduction of a good and reliable eLearning equipment at the HE-School IT-lab.



Proposal

LEDO is proposing to equip its IT-lab with the following items from wiLEARN

Units	Description	Unit Cost	Amount USD
1	wL 201 CAP 1 TB HDD, EN	600.00	600.00
1	wL 316 Tablet Charging Case	3700.00	3700.00
30	wL412 Headsets	20.00	600.00
15	wL 413 Audio Splitters	5.00	75.00
	Total		4975.00

The equipment is readily available in Nairobi, Kenya and can be shipped within a short notice to the H-E School in Lokichoggio.

Lokichoggio 30 January 2021

KeA Arnlund, LEDO Acting CEO



TABEA Content	Specifications
TABEA Case	50x21x35 cm 2.5 kg
USB Charging Unit	2x 10 USB Charging Ports Industrial (max 1.5 A)
DC Power	07V-24 VDC Power Plug
Power AC Adapter	240W 230VAC – 12 V DC
LCD Monitor	LCD Charge Display Amp Volt Watthours
16 Unit Learner Tablet	Alldocube 10 in Android 2GB RAM / 32GB ROM
Prize*	3700 USD
10 Unit Learner Tablet	Alldocube 10 in Android 2GB RAM / 32GB ROM
Prize*	2800 USD



*FOB Switzerland / final cost depends on the type of tablets selected, the number of tablets, the shipping arrangements and import duty of the respective countries.

We provide a quality selection of accessories in support of a digital learning infrastructure such as portable servers, 10 Port USB 2.4A fast charging stations for tablets on a single socket and other tools for schools. Visit our website [tools 4 schools](http://tools4schools.com). www.wilearn.org