

eLearning Library and Digital Classroom

CONCEPT PAPER



| Project | Description |
|-----------------------|---|
| Project Name | eLEARNING LIBRARY |
| Project Location | Lokichoggio, Turkana West, Kenya |
| Geo Reference | 4°12'18.98"N 34°21'58.39"E |
| Project Partners | LEDO – Lokichoggio Emuriakin Development Organisation |
| Primary Sector | Education |
| Start date of project | 15.JAN.2017 |
| Planned Completion | 28.FEB.2017 |
| No. of direct | 560 primary and secondary school children |
| No. of indirect | 35'000 Inhabitant of the Lokichoggio region |
| Project manager | KeA Arnlund |
| Proposed Total Budget | 12'000 USD (2 Kio Cases / 6'000 USD each) |
| Funding Request | 6000 USD from Switzerland |
| Date of submission | 06-DEC-2016 |
| Contact Person | KeA Arnlund, CEO Lokichoggio Emuriakin Development Organization |
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Summary

Children, Youth and Community members in northern Kenya shall be empowered by accessing vital information, learning and reading materials. Information technology designed by African's for Kenyans will transform learning abilities in rural communities and improve equal access to quality education. The establishment of one eLearning Library in Lokichoggio town, and one Digital Classrooms at the Hannah-Emuriakin School can be a start to inclusion and active participation in the digital future of tomorrow.

Relevance

- **Project Background**

Lokichoggio, with its 35,000 people in the wider area, has no library or reading center. Even public schools lack any kind of extracurricular reading and study material. General literature (novels, biographies etc. and other course or study literature, except as per the Kenyan school curriculum) is not available in shops or at other local organization. Thousands of school youth often just loiter around without meaningful things to do when they are at home for school holidays.

- **Goal and target Beneficiaries**

Implementation of one **eLearning Library** with the Kio Kit “Digital Classroom” in the center of Loki and one resource at **Hannah-Emuriakin School** and which will add learning possibilities and help improve knowledge both of required curriculum and extracurricular material. It will also provide access to all sorts of classical literature. Installation of another Kio Kit “Digital Classroom”

- **Loki town eLearning Library** – will be situated in the former International Red Cross Cafeteria, which is securely fenced in and has adequate resources of day and night guards, access to the city grid and water. This center is also situated in close proximity of several government and private primary schools with a total of many thousand of students combined. The eLearning Library will also be provided with books – classical literature, course literature and magazines.

- **Project Description**

Purchase and installation of two (2) Kio Kit, which is a box with a hardened, water-resistant, lockable case, containing 40 ruggedized Kio tablets, headphones and a BRCK (router-hard-disk) containing both world-class local and international content. There is a single plug to charge the Kit and one button to power on the entire system. The Kio Tablets and BRCK within it have enough battery to manage intermittent power in rural areas. Training of teachers and IT-crew both in soft- and hardware management. <http://education.brck.com>

Effectiveness

- **Technical approach** – 2 Staff with Secondary School and additional Computer Training will be trained to manage the systems for the e-Learning Library in Loki town.
- **Teachers** – at Hannah-Emuriakin School will be trained to use the Kio Kit for students at the school.
- **IT-Staff** at Hannah-Emuriakin will be trained to provide support and upkeep of the systems both for the town e-Learning Library and the School
- **Stakeholder** – Are all citizens, in particular youth and children who presently lack access to any kind of literature and other learning resources outside of their local school book material.

Efficiency

- **Project schedule**
Kio Kit Delivery and Installation 15JAN17
- **Resourcing & Budget**
Total Budget 12'000 USD
 - I Kio Kit 6000 USD Primary School
 - I Kio Kit 6000 USD Community Library
- **Financial mix partner transparency** - Some funding may be available from private partners in Sweden and some from Switzerland. Transparency of financial management is provided through the project support organization, Children's Mission Sweden, and its official audit requirements.

Account Details Sweden – Funding transfers to be marked: **Loki eLearning**

- Company name: Stiftelsen Skandinaviska Barnmissionen
- Bank: SEB
- Address: SEB 205 20 Malmö
- Iban-number: SE9850000000055131091551
- Bic-code: ESSESESS

Account Details – Switzerland Funding transfers to be marked: **Loki eLearning**

- Donor Account: Roland Diethelm, 4.Openmind
- Address: Zürcherstr. 36, 8426 Lufingen
- Bank: Migrosbank AG, Zürich Mülligen
- Iban-number: CH98 0840 1000 0607 1376 3
- BC-number: 8401

Impact

School children, teachers and community members will use the digital platform regularly for accessing reference material, exploring digital learning and enjoy playful discovery in a protected learning environment. The Kio Kit is providing offline digital media content adapted to local context. The information can be updated and extended on a regular basis. Offline content does not require connectivity and is avoiding internet distractions and risks so the readers can focus on life enriching learning content. The Kio Kit community library will stifle curiosity, enhance literacy and provide active learning opportunities for All. The library will broaden their horizon and enable them to connect to local, national and global knowledge. A transformation in learning skills is expected and a zeal for further community development aspired.

- **Monitoring & Evaluation** – Will be done through follow-up by Children's Mission international staff, KeA and Birgitta Arnlund
- **Final Report** – Half Year Report submitted to Donors / Sponsors at the end of July 2017. Final Project Report submitted in Jan-Feb of 2018
- **Risks** – Risks – power interruption in the City. Loki has a grid power

Sustainability and Transition

- **Local Participation** – LEDO (Lokichoggio Emuriakin Development Organization) has since its inception in 2009 (registered as a Community Based Organization with the Kenyan Ministry of Gender and Social Services in 2011) been the implementer of the Hannah-Emuriakin ECD and Primary School with its 510 children, a extensive and effective Latrine Project for the community and other institutions (more than 150 installed), the support of more than 50 Secondary and University students, implementation of a Water Project, Farming, Sewing Project and a Computer Training Center. **LEDO will be owner and caretaker of both the Loki town eLearning Library and the Hannah-Emuriakin Digital Classroom.**
- **Empowerment and transition plan** – Long term sustainability will ascertained both through the technical support available from BRCK, the Kenyan company, developer and provider of the Kio Kit and the ongoing training and long term support of the local library staff both at the town eLearning Center and the HE Digital Classroom.

Partner selection

- **BRCK Education** - Learn Play Grow – bringing digital learning into any classroom. Based in Nairobi, Kenya, the
- **4.Openmind Funding support Switzerland** - 100% of your financial support toward 4.Openmind will be transferred and invested in the purchase of the standard Kio Kits as described in the technical summary (Annex I). Teachers training, local introduction and supervision will be done in collaboration with the local leaders, the BRCK company and the Children’s Mission project coordinator.
- **Sweden** - Some additional funding appeals will be presented to both private individuals in Sweden (relatives and friends of CM International Staff) and through the LEDO support organization, Children’s Mission Sweden.

Lokichoggio 06 December 2016

KeA Arnlund,

Children’s Mission Project Manager

LEDO CEO

