Project Proposal for Upgrading Computer Laboratory at Kidiki Secondary School

2018

Introduction

We are currently in a Technological era and a few years from now Information Technology will be a significant driving force for the human society in their journey towards development and progress

In today's world, Information Technology is a key component in the success of any country. Unfortunately, the high cost of education to acquire computer related skills in certain regions around the world prevents the poor, orphans and underprivileged youth from availing these skills which are in demand.

Currently, the Uganda National Examinations Board (UNEB) which is the official examining body for secondary examinations has made computer a compulsory subject to all Technical and Business Courses. Secondary schools.

Kidiki Secondary School is being challenged by the number of computer Verses the number of students since our computer laboratory has only 20 functional computer sets. The main objective of the proposed project is to get more additional 40 computers for training in order to make the teaching and learning environment conducive for both instructors and students for better performance in examinations and enhancing the students skills in computers.

Through our training, youth will be able to become productively engaged and better qualified to obtain jobs that they were previously unqualified for. There is a direct need for this form of training, available principally at commercial prices, which is very expensive yet we can avail it to them at our school which will help in bridging the Digital Divide and level the playing field.

Our computer laboratory provides a learning environment with access to computer equipment, office applications and the Internet where youth and young adults can gain the computer skills needed to be successful and to secure better jobs in the future. We offer new opportunities for youths to become computer literate, viable and competitive in the market place, develop their careers, rise above poverty and contribute to national development.

Background of the Project

Geographical Profile

Kidiki Secondary School is located in Kamuli District, Namwendwa Sub county, Kidiki – Buzimba Village, 2 Kilometers from Namwendwa trading Centre on Kamuli to Kaliro road.

Socio Economic Profile

According to 2014 National Population and Housing Census, about 87 percent of the boys and girls of primary school going age (6-12 years) were attending school, while about 1 in every 10 children of primary school going age children had never been school. The Illiteracy status Rate was 72 percent among persons aged 10 years and above. Out of the 17.7 million persons of working age (aged 14 to 64 years), 13.8 million (78 percent) were working in the (Labour Force), with the most common occupation being subsistence farming (65%).

The household population consisted of (99 percent of the total population.) The Census of 2014 enumerated a total of 7.3 million households with a population of 34.1 million .This gave an Average Household Size of 4.7. The 'Tadooba' (small kerosene lamp) remained the most common source of lighting being used by 52 percent of the households. Only one in every five households (20%) had access to electricity. On the other hand, Wood fuel was the most common fuel used for cooking, with only six percent (one in every 16) of the households using other fuels. Sanitation remains a challenge with only thirty percent of the households with unimproved toilet facilities. About 600,000 households did not have any toilet facility at all.

The effects of poverty are highly evident with high levels of environmental degradation, high school dropouts, high illiteracy rates, high levels of morbidity and mortality, early marriages, high fertility rates, intermittent food shortages and malnutrition, and poor housing.

About 80.5% of the working age population is involved in subsistence agriculture as the major source of livelihood, while 6.5 per cent of the households are engaged in some employment income activities. The rest of the populations are engaged in cottage industries, small scale enterprises and family support for their livelihoods.

As a means of increasing self-employment, Kidiki Secondary school has been helping many youths to acquire Secondary education through giving formal education.

Educational Profile

Most of the people are aware of the importance of education. Increase of number in secondary education is vivid around this area. In the recent times because of our presence the percentage of students passing their final exams have increased. School dropouts have been reduced due to the presence of our school.

We prepare the youth for life with secondary education as well as with skills for a life of dignity. We consider the formation of faith, respect, love, justice, freedom, and peace to be of primary importance.

We offer excellent opportunity for practical and theoretical knowledge. We ably prepare students for adult life. Every student fulfils his/her academic potential. Teachers and students pursue excellence in teaching and learning.

Our students develop a love of learning, both individually and with others, and acquire a wide range of learning skills. We create an environment in which students are confident in their ability and increasingly ready to take responsibility for their own learning.

Every student is offered opportunities to enhance his/her spiritual life through a variety of spiritual exercises in the school. Every student receives good pastoral care within an ethos of tolerance and mutual respect rooted in Christian values.

Students develop relationships with peers and adults in a way that prepares them for life beyond school. They acquire a sense of responsibility and self-discipline and benefit from a wide range of opportunities for leadership and the management of others. Our students benefit from a comprehensive personal and social education that helps them to happily lead moral and fulfilling lives.

We provide a varied range of activities beyond the curriculum that will help them experience a sense of well-being and self-confidence that arises from good health and fitness. Students discover and develop their own skills and interests at school in preparation for adult life.

Students are adventurous and participate in a range of activities, appreciating the rewards of teamwork and are given the opportunity for personal achievement and fulfillment in a way befitting their own aspirations.

The school recognizes the crucial importance of its staff in pursuing the aims above and, as a good employer, undertakes to provide them with appropriate support in order to become deserving role models to the students they teach

School Profile:

Background

Kidiki Secondary School was established in 2004, in order to respond to the needs of the community as far as secondary education is concerned. It was started on community basis hence being a private community school.

Mandate of the Institution

The institution is mandated by the government to operate as a secondary education provider. It is to carry out its work of serving the youth by providing secondary education at ordinary level (from Senior One to Senior Four) and operate income generating activities to subsidize training and other School expenses. All the school transactions and activities are done in compliance with the Ugandan Law.

Mission Statement

To support and enhance the development of Kidiki secondary school as a quality mixed secondary school that produce disciplined responsible students

Vision Statement

A mixed secondary school that produces disciplined students for responsible citizenship.

Achievements

In the past 13 years of its existence, Kidiki secondary school can proudly boast of many achievements and among them is the land on which it is currently located, the number of buildings and training facilities keeps on increasing each and every year, many students have passed through the school and are already successful, we boost of a big number of Alumni who are successful in their different fields of studies, we are currently one of the best secondary education providers in the area, among many other achievements.

Enrolment

The enrolment has risen from a population of fifty students in 2004, to 248 students in

2017. The number of girls has been increasing though in a slow pace, the current ratio in 60 boys to 40 girls. It is our aim to raise the girl's population to 50% by 2019. In the past four years, over 250 youths who passed through our school joined the labour market.

Recognition

We have been awarded recognition by the Ministry of Education and Sports (M.O.E.S) and Uganda National Examination Board (UNEB as a training provider with capacity to train the human resource needed in this country

Problem Statement

Rampant Poverty existing in the area endangers the education of the poor. The poor students enroll themselves in average or less than average educational institutions, because they are unable to pay the fees. The ill-treatment meted out to the students by the society and peers in particular creates a fear in them to continue their studies though they struggle to pay even the minimum fees.

Hailing from the uneducated situation, poor students find it difficult to cope up with the educational scenario and the educated peers. Verbal abuses and corporal punishments from the elders and parents given under the pretext of disciplining the child wreak havoc in the life of the students. The students lose their self-esteem and tend to think that they are inferior to their peers.

Many youngsters enroll themselves in our school but do not have the motivation to complete the training due to various reasons. One major reason is that they are computer illiterate and are unprepared for today's job market in the changing trends. Many of these youngsters have never used a computer, let alone received any basic training in Information Technology skills. Many who have completed training in other domains find themselves misfit in the job market scenario. Hence this project is proposed to meet the changing trends and to prepare youngsters for the growing market relevant jobs.

Description of the project

Project Plan:

If funded, the project will begin September 12, 2018.

The cost for this project is estimated to be approximately **7774.31** Us dollars. The computer systems and all the equipment will cost approximately **2249.2** Us Dollars and the software upgrades (e.g., Window7, Microsoft office 2007, Adobe Suite, Auto Cad, Net Point, and Antivirus) will cost approximately **525.11**Us Dollars.

Project Team:

The project team consists primarily of Mr.Walekaki Micheal who is the headteacher of the school, Mr.Walya Peter who is an IT consultant whom we have worked with to establish the current computer lab , Mr.Waiswa Tonny who is the lab attendant and other teachers who are directly involved in the day today activities of the lab.

The lab is currently equipped with the following:

NO	ITEM	WORKING	FAULTY	TOTAL
1	Monitors 14' inches	13	0	13
2	Key Boards	13	0	13
3	Thin Clients	13	0	13
4	D link Network Switch	1	0	1
5	Mouse	14	0	14
6	Server	1	0	1
7	Printer	1	0	1

Project Objectives:

1. To upgrade the existing Computer Lab in order to impart additional computing skills to the students and the use of ICT appliances.

2. To offer specialized 'high end' computing training to the youth in order to prepare them for the digital world.

KIDIKI SECONDARY SCHOOL, P.O.BOX 387, Kamuli   Tel: +256 776 845128 / +256 758 918361

3. To provide soft skills training and coaching in English language to make the youth employable through exposure to the computers which are programed in English.

4. To create job opportunities for less fortunate young people from the rural and urban areas in the field of computer with hands on experience.

5. To improve on the ratio of students per computer in order to concentrate well in class and pass examinations.

These objectives will be carried out through the following activities:

Activities:

- Upgrading the existing computer lab from the current 13 Users to 30 users

- Providing additional computing skill training for all the students in the different classes so that all of them have at least basic knowledge of the computer and pass examinations with flying colors.

- Specialized short term courses for those who have completed basic education but still in the community for holidays or cannot afford to go for further studies to prepare them for jobs and introduction of evening and weekend programs especially for the working class people.

- Making life skills and language skills as part of the curriculum to take up jobs in the changing scenario.

- Students will be prepared to face interviews through coaching and special input sessions on interview techniques.

- School children who do not have access to computers from the neighborhood will be given basic computing skills on weekends and holidays.

Target Group:

All students in Kidiki Secondary school,Youth who are between the age of 14 to 20 (poor, rural, marginalized, orphaned, underprivileged) of Namwendwa and the neighboring districts in Uganda, individuals who will be interested in acquiring computer skills and the staff of our School.

Outcome of the Project (Results)

- Every year more than 80 students trained successfully in their specific domains with additional computing skills related to his/her trade.
- Every year over 50 students trained in short term computer applications and ready to compete in computer related jobs.
- Students to access computers and receive certification (Certificate in Computer Applications) on completion of basic computer course.

Sustainability

The computer Lab is always well catered for with support of Lab attendant who is always on site to take care of the lab with the help of the IT consultant who is just a call away and always assists to trouble shoot problems, install software and do maintenances.

To ensure the sustainability of the project the organization will follow up with periodic service and careful maintenance of the computers on a daily / monthly / annual basis. In spite of our best efforts if there is a major fault the organization will own the responsibility to rectify and utilize to the maximum.

A small amount of ten thousand Uganda shillings (10,000 Ushs.) will be collected from every new student as their contribution which will be made into a corpus fund for the running of the computer lab after the project completion period. In this way the students will be also trained to look after the computers and to use it in efficient way.

Teachers will be paid from the school fees collection as a local contribution.

Every year more than 200 students will benefit from this project. Apart from this in the evenings and on holidays school children from the neighboring areas would be allowed to have some basic knowledge in computing skills. So that they get to touch and to have the feel of the computers.

Monitoring, Evaluation and Reporting

A monitoring committee will be formed with the Head teacher of the school as its head, the Lab attendant and few staff members and students representatives to monitor the progress of the project and to ensure its strict implementation.

Midterm internal evaluation and a final external evaluation will be made and reports will be submitted with the emphasis on impact of the project.

Periodical reports will be submitted with substantial photos and financial reports occasionally and a final project completion report at the end of the project.

Banking details

Name of the account holder : KIDIKI SECONDARY SCHOOL
Name and address of the bank: DFCU, IGANGA BRANCH
Account number : 0198350100235590300064719 26
                    OR
Name of the account holder : St.Joseph Vocational Training Centre
Name and address of the bank: Centenary Bank, Kamuli **Account number :** 6420400005

Budget Summary

NO	ITEM	DESCRIPTION	QTY	UNIT COST (USHS)	TOTAL (USHS)	TOTAL (USD) (3,808.70)
1	Monitor 19''	DELL	17 Pcs	300,000	5,100,000	1339.04
2	Key Boards	DELL	17 Pcs	20,000	340,000	89.27
3	Mouse	DELL	17 Pcs	20,000	340,000	89.27
4	Thin Clients	N COMPUTING	17 Pcs	470,000	7,990,000	2097.83
5	Server	DELL VESTRO *CORE i5*	3 Pcs	2,000,000	6,000,000	1575.34
7	Network Cables	CAT 6	1 Box	200,000	200,000	52.51
8	RJ 45 Connectors		2 boxes	20,000	40,000	10.50
9	White Board	Soft Wood	1 Pc	400,000	400,000	105.02
11	Cable Trunks	PVC BIG	6 Pcs	50,000	300,000	78.77
12	COPY DUPLICATOR	Gestener DX 2430	1 PC	4500,000	4500,000	1181.51
13	PROJECTOR	ACER	1 PC	1,800,000	1,800,000	472.60
14	CEILING FAN	BAJAJ	2 PCS	300,000	600,000	157.53
15	Software	**Ms. Office 2007,Windows 7, Auto Cad, Antivirus**			2,000,000	525.11
GRAND TOTAL					**29,610,000**	**7774.31**

Conclusion

I assure you that we are not presenting this proposal to any other agency for the monetary assistance. Though we have the will to implement the project we lack the resources. Hence we look forward for your monetary assistance for the implementation of this project. Your timely help will be a great help to render quality service to the rural, orphaned and underprivileged children of this locality.

The world is moving towards computerization and technology. As government and NGOS constantly insist on this theme it is apt to move towards digitalization which makes communication easier and efficiency of work.

Hence we make a request to help us to fund our computer project in this institution to equip our students with computer skills and knowledge.