



**KIBOSHO VOCATIONAL TRAINING CENTRE (KVTC)**

**CHUO CHA UFUNDI KIBOSHO (KVTC)**

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## **PROJECT PROPOSAL**

### **ESTABLISHMENT OF A DIGITAL E-LIBRARY AND COMPUTER LABORATORY UPGRADE**

#### **Kibosho Vocational Training Centre (KVTC)**

**Institution:** Kibosho Vocational Training Centre (KVTC)

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**Registration:** NACTVET Registered – Certificate No. REG/NACTVET/0957P

#### **1. Introduction**

Kibosho Vocational Training Centre (KVTC) submits this proposal seeking support to **establish a Digital E-Library** and upgrade the **computer laboratory** to modern standards. The project aims to:

- Provide students with **access to digital learning resources and the internet.**
- Replace non-functional computers with **units capable of running AutoCAD and other essential software.**
- Ensure **equitable access** to ICT resources for all students, including those from disadvantaged backgrounds.
- Enhance the quality of vocational education and attract more students to KVTC

#### **2. Background of the Institution**

KVTC is a **community-owned vocational training institution**, established in **2012**, located in Kibosho Division, Moshi Rural District, Kilimanjaro Region. The Centre serves **disadvantaged youth**, including orphans, single mothers, and secondary school dropouts. KVTC is **NACTVET registered (REG/NACTVET/0957P)** and has been growing steadily in student enrolment and program delivery. To remain competitive and comply with national standards, KVTC seeks to provide students with **modern ICT resources and digital learning tools.**

### 3. Current Challenges

- Existing computers are **obsolete or non-functional**, limiting student access to digital learning resources.
- Lack of internet access prevents students from **research, e-books, and online learning platforms**.
- Without modern computers, **practical training with AutoCAD and other essential software** cannot be delivered.
- Students from disadvantaged families **lack access to such resources outside KVTC**, making the Centre the **only environment where they can gain ICT skills**.
- Limited ICT resources reduce student enrolment interest and **affect retention** of current learners.

### 4. Project Justification

The project will:

- **Modernize KVTC's learning environment** in line with national and global vocational education trends.
- Replace obsolete computers with **functional units capable of running AutoCAD**, as required by National Vocational Education Authorities.
- Provide **equitable access to ICT and internet** for all students, creating opportunities for disadvantaged youth.
- **Attract new students** and retain current ones who seek high-quality digital and vocational training.
- Align KVTC with **NACTVET standards** and enhance institutional reputation.
- Improve overall student learning outcomes and **skills relevant to modern industry**.

### 5. Project Objectives

#### 5.1 General Objective

To establish a fully functional **Digital E-Library and upgraded Computer Laboratory** to enhance learning, ICT literacy, and practical vocational training.

## 5.2 Specific Objectives

- Upgrade and equip the computer lab with **modern computers and network infrastructure**.
- Install software and e-resources, including **AutoCAD and digital learning tools**.
- Provide internet connectivity and ensure **fair access for all students**.
- Train staff and students on **digital literacy, e-library use, and AutoCAD**.
- Improve overall teaching, learning outcomes, and institutional competitiveness.

## 6. Project Activities

No.	Activity
1	Renovate and equip the computer laboratory
2	Replace obsolete computers with functional units capable of running AutoCAD
3	Install internet connectivity and configure secure access
4	Install library management software and e-resources
5	Train staff on operation and maintenance of e-library and software
6	Train students on digital literacy, AutoCAD, and online research
7	Ensure equitable access schedules for all students, especially disadvantaged ones
8	Regular maintenance and monitoring

## 7. Estimated Project Budget (TZS)

No.	Item	Estimated Cost (TZS)
1	Laboratory renovation and space setup	1,800,000
2	Purchase of computers (30)	18,000,000
3	Networking and internet installation	2,500,000
4	Library management software and digital resources	1,500,000
5	Staff training	500,000
6	Student orientation and ICT sessions	300,000
7	Maintenance and contingencies (~10%)	2,460,000

**Total Estimated Cost 27,060,000**

## 8. Expected Outcomes

- Fully operational **Digital E-Library and upgraded Computer Laboratory**.
- Improved **ICT literacy, research skills, and software competency** among students.
- **Equitable access** to digital learning tools for all students, including disadvantaged youth.
- Increased student enrolment and satisfaction.
- Enhanced compliance with **NACTVET standards** and modern vocational training requirements

## 9. Sustainability

- Routine maintenance of hardware, software, and internet facilities.
- Staff and student training for **long-term operation**.
- Internal funding allocation for repairs and e-resource updates.
- Integration with academic programs to **maximize usage and impact**.

## 10. Conclusion

This project will **transform learning at KVTC**, creating equitable access to ICT resources, modernizing vocational education, and enabling students to acquire relevant digital and technical skills. Donor support will ensure successful implementation, sustainability, and alignment with national education standards.

## 11. Contact Information

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