



**TVET PROJECT KE/GZ07010**  
**REHABILITATION AND UPGRADING OF KENYA**  
**TECHNICAL TEACHERS COLLEGE AND NINE REGIONAL**  
**CENTRES OF EXCELLENCE**

# **Rehabilitation and upgrading of Kenya Technical Teachers College and nine Regional Centres of Excellence**

## **Client**

Ministry of Higher Education,  
Science and Technology

## **Country**

Republic of Kenya

## **Value**

14.9 MLN Euro

## **Funding**

Government of Kenya and  
Government of the Netherlands (ORET Grant)

## **Duration**

2 + 4 years

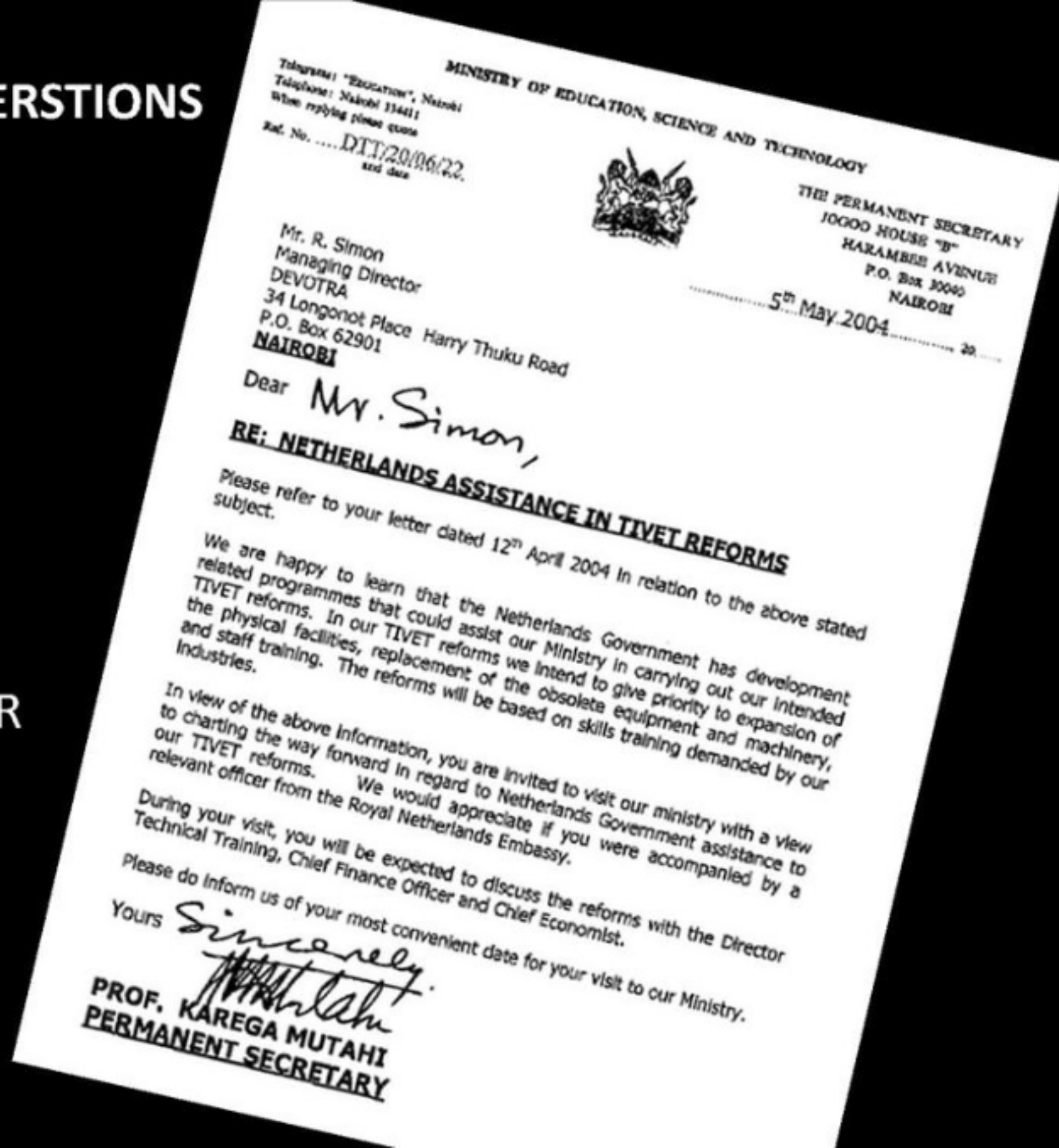
## **PROJECT PROCESS**

1. Outset Conversations
2. Feasibility Study
3. Contract Phase
4. Implementation
5. Workshop Preparations
6. Workshops Before and After
7. Handling Goods in The Netherlands
8. Delivery on Site
9. Installation
10. Overseas Fellowship Training in The Netherlands
11. In-country Training
12. Official Commissioning Ceremony on 27 May 2015



# 1. OUTSET CONVERSIONS

## THE FIRST LETTER





## 2. FEASIBILITY STUDY





The objective and scope of the feasibility study was to analyse the possibilities to rehabilitate 36 TTI's. The following pictures show the actual status of the Technical Training Institutes.





















The objective of the project was to improve the Kenyan TVET system. This was done through the supply of equipment, tools and training materials to KTTC and nine Technical Training Institutes (TTI's) and through the provision of technical assistance and training.

The project rehabilitated the existing TVET infrastructure and hardware and upgraded Kenyan management, teaching staff, curricula and teaching methodologies. Although the project only covers 10 technical training institutes, a spin-off was created through the transfer of knowledge and expertise to the remaining 26 TTI's in Kenya.



### 3. CONTRACT PHASE

REPUBLIC OF KENYA



CONTRACT

FOR

SUPPLY OF EQUIPMENT AND TECHNICAL ASSISTANCE UNDER KENYA - THE  
NETHERLANDS TECHNICAL, INDUSTRIAL, VOCATIONAL AND ENTREPRENEURSHIP  
TRAINING (TIVET) PROJECT

REHABILITATION AND UPGRADING OF KENYA TECHNICAL TEACHERS COLLEGE  
AND NINE (9) REGIONAL CENTRES OF EXCELLENCE KE/GZ07010


BETWEEN

THE GOVERNMENT OF KENYA

REPRESENTED BY MINISTRY OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY

AND

DEVOTRA BV



IN WITNESS whereof the parties hereto have caused this Agreement to be executed the day, month and year first before written.

SIGNED FOR AND ON BEHALF OF THE PURCHASER:

Name CRISPUS M. WAMBAGA Signed [Signature] Date 09/10/09  
Accounting Officer Ministry of Higher  
Education, Science and Technology

Witness David N. Wambayi Signed [Signature] Date 29/10/09  
Title Director of Technical Education

SIGNED FOR AND ON BEHALF OF THE SUPPLIER:

Name Ronald Simen Signed [Signature] Date 11/10/09  
Managing Director, Devotra BV

Witness Macaria Muriu Signed [Signature] Date 11/10/09  
Title Managing Director  
Gokere Instruments Ltd

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The contract was signed on 9-10-2009  
with the Ministry of Higher Education of  
Science & Technology.



## 4. IMPLEMENTATION

Implementation and launch of the project on 6 September 2010.



For the implementation,  
Devotra worked together with  
various training providers and  
centres of excellence in the  
Netherlands.





## THE FIRST CEREMONY

The total duration of the project was 6 years. The main implementation phase had a duration of 2 years.







## OLD WORKSHOPS



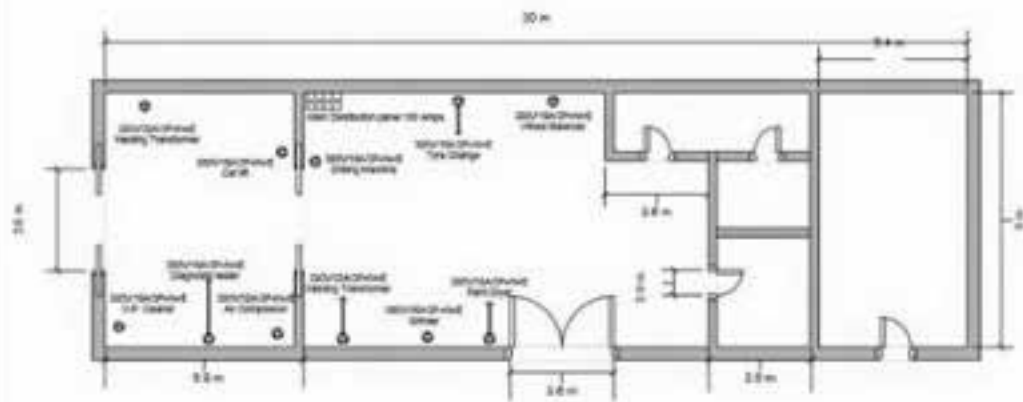




## 5. WORKSHOP PREPARATIONS







- Notes:

Weeks 8-9:	<ul style="list-style-type: none"> <li>Strengths</li> <li>40-50 Pages</li> <li>The Notebook</li> </ul>
Due:	10 October 2014
Drawn:	100 x 100mm





## 6. WORKSHOPS BEFORE & AFTER







# KENYA TECHNICAL TEACHERS COLLEGE (KTTC) - NAIROBI - BEFORE









KENYA TECHNICAL TEACHERS COLLEGE (KTTC) - NAIROBI - AFTER















# KABETE TECHNICAL TRAINING INSTITUTE - NAIROBI - BEFORE







KABETE TECHNICAL TRAINING INSTITUTE - NAIROBI - AFTER





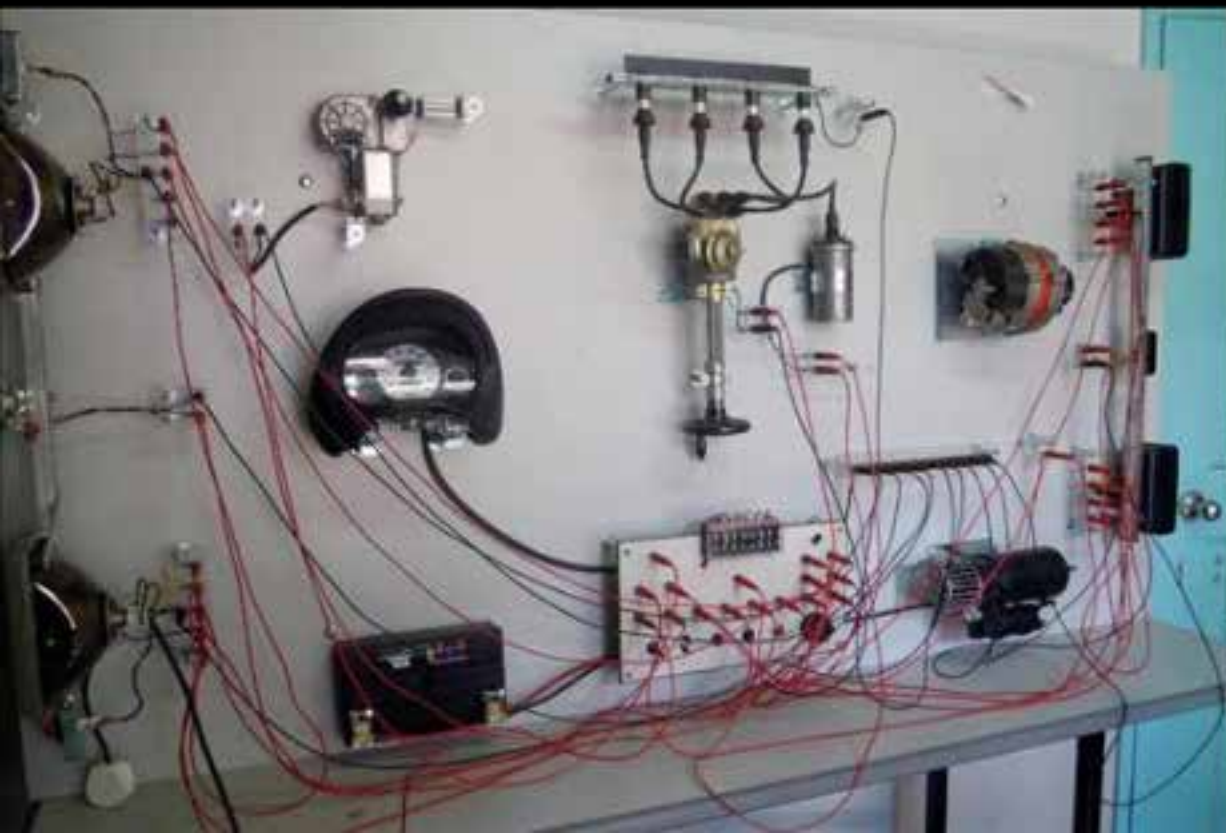


MACHAKOS TECHNICAL TRAINING INSTITUTE - MACHAKOS - BEFORE





MACHAKOS TECHNICAL TRAINING INSTITUTE - MACHAKOS - AFTER











MERU TECHNICAL TRAINING INSTITUTE - MERU - BEFORE







MERU TECHNICAL TRAINING  
INSTITUTE - MERU - AFTER









MOMBASA TECHNICAL  
TRAINING INSTITUTE -  
MOMBASA - BEFORE









# MOMBASA TECHNICAL TRAINING INSTITUTE - MOMBASA - AFTER









# NAIROBI TECHNICAL TRAINING INSTITUTE - NAIROBI - BEFORE



Typ een woord of zin om naar te zoeken of het adres, de titel of de bladwijzer van een webpagina





NAIROBI TECHNICAL  
TRAINING INSTITUTE -  
NAIROBI - AFTER















NYERI TECHNICAL TRAINING  
INSTITUTE - NYERI - BEFORE





NYERI TECHNICAL  
TRAINING INSTITUTE -  
NYERI - AFTER









# CAFETERIA AREA CONSTRUCTED FROM CONTAINERS







RAMOGI INSTITUTE OF  
ADVANCED TECHNOLOGY  
(RIAT) - KISUMU - BEFORE





# RAMOGI INSTITUTE OF ADVANCED TECHNOLOGY (RIAT) - KISUMU - AFTER







RIFT VALLEY TECHNICAL TRAINING INSTITUTE - ELDORET - BEFORE







RIFT VALLEY  
TECHNICAL TRAINING  
INSTITUTE - ELDORET  
AFTER







STAFF ELDORET TTI





SIGALAGALA TECHNICAL  
TRAINING INSTITUTE -  
KAKAMEGA - BEFORE





SIGALAGALA TECHNICAL  
TRAINING INSTITUTE -  
KAKAMEGA - AFTER















## 7. HANDLING GOODS IN THE NETHERLANDS





PACKING, INSPECTION & LOADING

























## 8. DELIVERY ON SITE







Devotra delivered new technologies and modern equipment, which were purchased from more than 100 different suppliers, to ensure that for each vocational subject the most suitable training equipment would be supplied.













## 9. INSTALLATION

















**10. OVERSEAS FELLOWSHIP TRAINING IN THE NETHERLANDS**



60 teachers have been trained in 6  
different courses for 8 weeks per  
discipline.

















During the training period also excursions to industries, centres of excellence and teacher training institutes were organised.















CERTIFICATION





# Certificate of completion

This is to certify that:

**WASHINGTON OSUMBA GILO**

Date of birth: 26-01-1951

Place of birth: Kisumu, Kenya

Has successfully completed the 8 weeks Overseas Fellowship Programme, implemented at ROC Eindhoven, Regional Training Centre, Mechanical Engineering Department in the Netherlands, under the Kenya-The Netherlands TVET Project:

"KE/GZ07010 Rehabilitation and Upgrading of KTTC and nine Regional Centres of Excellence for the Ministry of Higher Education, Science and Technology in Kenya"

## OVERSEAS FELLOWSHIP PROGRAMME PRACTICAL MACHINING AND FITTING TEACHER TRAINING

The training programme included the following components: CBET based machining competences, delivery of mechanical skills training, workshop maintenance, health and safety, cutting methodology with HDE tools, cleaning and maintenance of lathes, internal and external turning; boring; thread cutting internal and external; economic turning with live jaws chuck and taper; CNC milling and turning; horizontal milling; surface grinding; TVET and mechanical industry innovation in the Netherlands.



Place: Eindhoven, The Netherlands

Course Facilitator  
Thom van de Pas  
ROC Eindhoven



Date: March 24<sup>th</sup> 2011

Course Facilitator  
Piet Salmwachter Jansen  
Coop. Centre for Innovative Learning

Course participant









ACCOMMODATION & WEEKEND TRIPS









VOLENDAM AUTOMOTIVE TRAINING GROUP



VOLENDAM BUILDING TRAINING GROUP

















Every training group has been to Volendam to make these authentically pictures.  
In the left corner you see the Electrical group.  
Next to that, the Electronics group and beneath the Machining group.  
On the right page you see the Welding group.





## 11. IN-COUNTRY TRAINING



















**12. OFFICIAL  
COMMISSIONING CEREMONY  
ON 27 MAY 2015**







At KTTC all workshops were declared to officially opened representing all beneficiary institutes.















FINALLY A PLAQUE WAS UNVEILED TO MEMORIZE THE OCCASION.



ALSO A TREE WAS PLANTED  
IN THE GARDEN OF KTTC TO  
MEMORIZE THE OCCASION.





EACH BENEFICIARY  
INSTITUTE RECEIVED AN  
OFFICIAL RECOGNITION OF  
CENTRE OF EXCELLENCE IN  
VOCATIONAL TRAINING.







## FINAL CERTIFICATE OF COMPETITION PHASE I

Client : Ministry of Higher Education, Science and Technology (currently Education, Science and Technology).  
 Project : Rehabilitation and upgrading of KTTC and Nine Regional Centers of Excellence  
 Project reference : ORET KE/G207010

We, the undersigned declare that for all below mentioned TVET institutions workshop training equipment have been delivered, installed, trained and demonstrated to be fully functional. All in accordance with the Inspection and Acceptance Report of the Ministerial Inspection and Acceptance Committee.

The Technical Assistance components of the Main Technical Assistance Programme have been completed satisfactorily and in agreement with the planning as described in the Technical Assistance Proposal, Inception Report and individual Progress Reports over the period October 2010 – April 2015. The activities, progress, amendments made during implementation in agreement with the Ministry of Higher Education, Science and Technology outcomes, results and lesson learnt are described in the individual Provisional Completion Reports related to the Overseas Fellowship Program and the In-Country Training covering the completed program from phase I.

Agreed upon is that the Technical Assistance Training Support Missions related to Phase I, will be held in Phase II of the project from July 2015 – July 2016 in four stages, in accordance with the contract.

**The beneficiary TVET institutions:**  
 Kenya Technical Teachers College, Nairobi  
 Kabete Technical Training Institute, Nairobi  
 Nairobi Technical Training Institute, Nairobi  
 Machakos Technical Training Institute, Machakos  
 Meru Technical Training Institute, Meru  
 Nyeri Technical Training Institute, Nyeri  
 Rift Valley Technical Training Institute, Eldoret  
 Mombasa Technical Training Institute, Mombasa  
 Sigataga Technical Training Institute, Kakamega  
 Ramogi Institute of Advance Technology, Kisumu

Signed on behalf of Ministry of Higher Education, Science and Technology

Name: JOSEPH N. NJAU  
 Title: PROJECT MANAGER  
 Signature: [Signature]

DEVOTRA B.V.  
 P.O. Box 44000 AA Tilburg  
 Eindhoven 5, 6011 56 Tilburg  
 The Netherlands



Signed on behalf of DEVOTRA

26-5-2015

Name: [Signature]  
 Title: [Signature]  
 Signature: [Signature]



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 Reg. No. : 300-64006





FOR MORE DETAILED INFORMATION ABOUT THE PROJECT PLEASE  
VISIT OUR WEBSITE: [WWW.KENYA-PROJECT.NL](http://WWW.KENYA-PROJECT.NL)

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