

SOKOINE UNIVERSITY OF AGRICULTURE



**SUA MAIN CAMPUS MASTERPLAN WHICH WAS
APPROVED BY COUNCIL AT ITS 143RD HELD ON 30TH JUNE 2016**

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Preface

One of the strategic objectives of Sokoine University of Agriculture is to ensure a sustainable utilization of land for improvement of physical facilities and estate management to cope with future expansion needs and growth direction. To realize this objective a process to prepare Land Use Plan for the university was initiated. The Land Use Plan is meant to guide the provision of spaces and infrastructure to cope with the future planned increase in student enrolment, staff recruitment requirements and amenities across the campus. Of equal importance, plan provides basis for preparation of the University Strategic Plan, Development Plan and Policies that will be a sound catalyst for attracting investment.

The Land Use Plan provides an analysis of the existing situation and establishes the key principles and flexible development conditions pre-requisite for guided infrastructure facility and utility development of the university. The Plan identifies zones for different land uses, their sizes and stipulates spatial development conditions that will ensure optimal land use while maintaining the identity of the University. To facilitate legibility, the Use Plan report has been divided into two parts namely:

Background issues that provide for the situational analysis. Secondly outlines the land use proposal. This entails guiding principles for the Land Use Plan, Space and Land requirements. Others include land use zones, infrastructure development proposals and strategies for implementation.

It is our sincere hope that the issues raised and recommendations given will greatly assist the university to develop its land and facilitate orderly provision of services and utilities. This will contribute to better environment for teaching and learning and investment development by mobilizing resources towards implementing the proposals put forward in the plan.

CHAPTER ONE: INTRODUCTION.

1.1 Background

Sokoine University of Agriculture (SUA) was established on 1st July 1984 by Parliament Act No. 6 of 1984 which was repealed by the Universities Act No 7 of 2005 under which the SUA Charter and Rules, 2007 were granted. However, its history goes back to 1965 when it started as an Agricultural College offering Diploma training in Agriculture. With the dissolution of the University of East Africa and the consequent establishment of the University of Dar es Salaam, the College became a Faculty of Agriculture of the University of Dar es Salaam on 1st July 1970. The Divisions of Forestry and Veterinary Sciences were introduced in 1973 and 1976 respectively. In 1984, SUA was established with 3 faculties namely Faculty of Agriculture, Faculty of Forestry and Faculty of Veterinary Medicine. In 1999, a fourth Faculty, the Faculty of Science was established. The University has Institutes, Directorates and Centres, which include the Institute of Continuing Education, Computer Centre, Development Studies Institute, Pest Management Centre, and SNAL, SUA Centre for Sustainable Rural Development and Directorate of Research and Postgraduates Studies.

The birth of SUA as a full-fledged University called for dedication and commitment of all players involved. Like Universities all over the world, it is meant to be an institution where people are trained at the highest level for clear and independent thinking, for analysis, and for problem solving at the highest level. According to SUA Charter and Rules of 2007, SUA is mandated to undertake training to meet the high level of human resources requirements of the Tanzanian society, research and provide public services. However, the Late Mwalimu J.K. Nyerere, the first Chancellor and the then President of the United Republic of Tanzania at the occasion of the inauguration of the University on the 26th September 1984 added production as its fourth mandate.

1.2 The Need for the Master Plan

The Sokoine University of Agriculture consists of four campuses namely; Main campus, Solomon Mahlangu campus, Olmotonyi practical Training campus, and Mazumbai Forest Reserve.

The Main Campus, which is situated 3 km south of Morogoro Municipality, has a total area of 2,376 ha. This campus is in addition endowed with three parcels of land on the ridges of the Uluguru Mountains which are Morning Side, Towero and Luhungu with a total area of 29.5 ha. Solomon Mahlangu Campus (which was until 1992 the Solomon Mahlangu Freedom College of the African National Congress of South Africa) is situated 11 km to the North-West of Morogoro Municipality with a total area of 1,050 ha. Olmotonyi practical Training Forest, which is situated in Arusha, also serves as a centre for forestry practical training with a total area of 840 ha. Mazumbai Forest Reserve, which is situated in Lushoto is a natural forest used for training and research with a total area of 320 ha. In addition to the above Campuses, SUA has field practical stations at Mbinga Town, Malolo B Village and Mgeta – Nyandira.

By the 2015/16 academic year, the University had 37 undergraduate programmes, six non degree programmes, 48 Masters programmes and PhD programmes in all the academic departments, conducted either by research only or by course work and research.

The total enrolment stood at 8,965 students comprising 540 (6%) non-degrees students (6%); 7,739 (86.3%) undergraduate students (86.3%) and 686 (7.7%) postgraduate students (7.7%). The overall proportion of enrolled female students was 29.2% for both non-degree and undergraduate programmes and 29.6% for postgraduate programmes. The total number of SUA employees was 1,355 comprising of 532 academic staff and 823 technical and administrative staff. For academic staff, 106 (20%) are female (20%) while in the case of technical and administrative staff, 293 (36%) are female).

Land Use:

SUA prepared its first Land Use Plan (LUP) and Master Plan (MP) in 1987, about 29 years ago, based on strategic plans of that time. The development of this new Master Plan is prompted by the need to respond to SUA's strategic plan 2016 to 2021 and the political and socio-economic changes that have been taking place in the Tanzania economy. These political and socio-economic changes warranted for comprehensive self-assessment for future existence of SUA and therefore the updating of the Corporate Strategic Plan to the year 2021 and beyond has forced the SUA planning Department to update the LUP to incorporate the implemented strategies. The SUA LUP is a long-term plan aimed at facilitating SUA to operate in the 21st Century with a clear vision of the present and future roles in the fast changing global setting. The updating is conducted in a participatory approach, and involves the top leadership and all other stakeholders at the University aiming at updating and not replacing the existing LUP. The Land Use Plan was updated and approved in June 2007.

The revised LUP put emphasis on Capacity Development, Quality Assurance and Outreach activities. It focused on the University's core functions of Teaching, Research, Public Services and Production for sustainable utilization of land for future growth and development direction.

- 1.2.1 For production activities there is Forestry and Bee keeping zone of 743 HA
- 1.2.2 Horticulture farming was proposed to be along Ngerengere River with an area of 156 HA
- 1.2.3 A new Shopping and Trading zone was proposed near the student and local residential area of 83 HA
- 1.2.4 A new Student Accommodation and Recreation area was proposed in addition to the existing hostel with a total area of 128 HA.
- 1.2.5 The Botanical Garden's to be maintained in the research and academic zone.
- 1.2.6 The Academic zone to be extended across the Mzinga Road with a total area of 298 HA
- 1.2.7 A new zone was proposed as a Research and Training livestock Farming with an area of 356 HA
- 1.2.8 For Irrigation farming it was proposed to set aside an area of 136HA
- 1.2.9 Staff housing was given an area on 140 HA beside the existing hostels
- 1.2.10 Playing fields area of the Old Master Plan was proposed to be changed to a new car parking in front of the administration block and add landscaping to the remaining area.
- 1.2.11 It was proposed to uplift the façade of the main entrance gate of SUA by putting new gate, proposed fence wall and landscaping.
- 1.2.12 All roads on campus should be of standard width with proper drainage systems where needed.

VISION, MISSION AND STRATEGIC OBJECTIVES OF THE SOKOINE UNIVERSITY OF AGRICULTURE (SUA)

Vision:

"To be a leading University in the provision of quality knowledge and skills in agriculture and allied sciences"

Mission Statement:

"Promote development in agriculture, natural resources and allied sectors through training, research and delivery of services"

SUA Core Values:

In achieving its vision and fulfilling its mission, SUA will adhere to the following values:

- (i) Entrepreneurial and innovative spirit, (ii) Corporate management, (iii) Community empowerment,
- (iv) Transparent and inclusive management, (v) Service to society, (vi) Good governance, (vii) Corruption free, (viii) Innovative excellence, (ix) Advisory excellence, (x) Continuous learning, (xi) Gender sensitive (xii) Relevance to stakeholders and (xiii) Honesty

Strategic Objectives:

SUA's vision will be achieved through the following set of strategic objectives:

- i. To increase students enrolment and improve quality of graduates
- ii. To increase the volume and quality of research, publications and innovations
- iii. To enhance outreach, publicity, linkages and partnerships
- iv. To enhance university financial capacity and sustainability
- v. To improve teaching and learning environment
- vi. To improve management and Institutional governance
- vii. To mainstream gender issues in all SUA activities and reduce the impact of HIV/AIDS, **other** communicable and non-communicable diseases

Approach and Methods

In the process of preparing the Land Use Plan various surveys have been conducted inside and outside the University.

The surveys outside the University enable SUA to identify opportunities which can be exploited, or challenges which can be addressed for SUA to achieve its vision and mission. In preparing this Land Utilization Plan the following steps were followed:

- Zoning the whole land of the main campus for Teaching, Training, Commercial Production, Student welfare and Public service.
- Reviewing of existing policies and documents including but not limited to: SUA Master Plan, SUA investment Policy, SUA Corporate strategic Plan.
- Acquisition and updating of base maps.
- Presentation of the draft plan to the University on Land utilization plan zoned as agreed and conditions for development.
- Preparation of final document including Land Utilization Plan (LUP) and brief report.

Structure of the Report:

This report constitutes of two sections.

The first section dwells on background issues focusing on analyzing the existing situation. It entails three chapters namely locational and site characteristics, existing land uses and planning considerations.

The second section dwells on proposed land use utilization plan and implementation strategies. This entails two chapters, Land Use utilization plan focusing on proposed growth concept for guiding University development, guiding principles, and proposed land use zones.

Also the report constitutes of Development Conditions and subsequent implementation strategies.

It should be taken into account that the report and the plan in its totality is not a blue print as it assumes room for flexibility within a coordinated and shared vision in its implementation by the Sokoine University of Agriculture.

CHAPTER TWO: LOCATION AND SITE CHARACTERISTICS.

2.1 Location.

Sokoine University of Agriculture (SUA)'s main campus, is situated 3km South of Morogoro Municipality, has a total area of 2,376 Hectares. It shares boundaries with the famous Morogoro Mindu Dam on the southern side, Lugala village on the North – West side and Morogoro town on the North- Eastern side. There are two main roads crossing the campus land, Iringa road in the middle and, the road from Morogoro town to Mzinga. These roads are an advantage that they provide good accessibility to Sokoine University of Agriculture within Morogoro Municipal provide connections with other regions.



SUA is about 3Km South of Morogoro



Aerial View of the existing SUA Campus

2.2 Main Campus Scenery.

The main Administration block can be seen from a distance as you approach the main campus. SUA is located at the foot of the Uluguru Mountains. From the mountains on the south East one gets the best view of the main campus and the rest of the land belonging to Sokoine University of Agriculture.



SUA – Main Entrance



Administration Block - SUA

2.3 Soil and Vegetation.

SUA land is dominated with soils that can support diverse land use functions including but not limited to farming, livestock and gardening. It has both planted and natural vegetation surrounding the University boundaries. The vegetation creates green scenery throughout the year. However, the University should concentrate on afforestation in order to make use of the neglected land and preserve the natural resources and the land in general. The University is also rich with natural water flows and other water bodies, which increases the value of the land at SUA.

2.4 Climatic Characteristics.

The University falls within a climatic zone where highest mean maximum temperatures are above 31°C during the months of November, December, January and February and mean minimum temperature below 16°C in June, July and August. There are two distinct rainy seasons: During November and December, which is the short rainy season, and March to May which is the long rainy season. The dominant winds are the Northeast and southeast monsoons. According to the Tanzania Meteorological Agency, Morogoro lies within a low risk degree earthquake zone. This means all constructed buildings and infrastructure should take this into account to avoid possible future damages to structures.

2.5 Landscape qualities and Aesthetic characteristics.

As pointed out earlier, the University area lies in a slightly sloping land with plants and natural vegetation. Existence of trees especially in the developed and undeveloped land enhances the landscape quality. These landscape qualities are potential elements that should be taken into consideration in the design of buildings so as to achieve enhanced aesthetic characteristics of both buildings and the space between them. Further, existing trees and vegetation as landscape elements can enhance the microclimate and visual characteristics of the site.

CHAPTER THREE: THE LAND USE PLAN

3.0 Land use plan

Land requirement for each of the land use zone has been derived from the specific functions under each zone. The main parameter used in planning for land utilization plan was conceived from SUA expansion, a parameter that calls for expanded student enrolment, expanded academic area, introduction of other teaching and learning support facilities, and the recruitment of academic and other support staff.

The future Land Use plan also has been proposed based on the need for optimal use of SUA land thereby proposing new infrastructure services in order to make the undeveloped land attractive to investors.

The proposed Land Use plan generally makes provision for about Ten Land Use components namely; Forestry and Beekeeping, Irrigation Farming, Horticulture Farming, Trade and Shopping Zone, Hostel and Recreation Centers, Research Zone, Academic Zone, Staff Housing, Hostel, Research and Training livestock farming.

The proposed land coverage for each of the component is within the zones provided with and belongs to the Sokoine University of Agriculture. Infrastructure Services that include Water supply, Storm water, Drainage and Sewage system, Roads network, and Electricity are rational to ensure sustainable land utilization.

The Land Use plan will help to put in place the basic service infrastructure and support services for investment including Water supply, Waste water disposal systems, Road network, Power supply lines and Communication system. It will also show the land base investment such as commercial development in accordance to the approved SUA`s Investment and Land policy.

The following are the Approved distribution of zoning areas:

• Forestry and Beekeeping Zone	-	743 Ha
• Academic Zone	-	298 Ha
• Staff Housing Zone	-	140 Ha
• Students Hostel Zone	-	39 Ha
• Research, Training and Livestock Farming	-	356 Ha
• Horticulture Farming	-	136 Ha
• Irrigation Farming	-	136 Ha
• Trade and Shopping Zone	-	83 Ha

3.1 Existing Land Uses.

The existing Land Use Plan at SUA is categorized in 11 zones: Estate Management, Livestock Development, Food crops and Experimental farms, Hostels, Primary and Secondary schools, Playing fields, University mixed farming, Agro-forestry, teaching, Staff housing and farms. However, understanding the existing land uses and how current activities at SUA are distributed within the area is the key for determining the future land requirements and growth pattern.

Consultant observations on the existing Land Uses at SUA:

- Most of the areas zoned on the old Land Use Plan are not implemented as proposed.
- Some of the zones need expansion and reallocation.
- The Administrative zone has a very limited parking space, which need expansion.
- The Teaching zone is very limited; it needs division and expansion on a bigger area.
- The land is very saturated with different functions of different facilities on the areas of Agriculture and Administration block.
- The Agro–Forestry zone was proposed for Beekeeping and experimental forest. It was noted that this proposal was implemented in a very small scale and was not developed for years. Beekeeping was practiced for research purpose only and not as a permanent practice. Only a small area was planted trees for experimental purposes.
- Livestock Development was not implemented as proposed. Most of the livestock on campus are for research and training purposes only.
- Farming is practiced in a very small area and not on the designated space. Farming is done for research and training groups only and not as an investment to the university.
- A small portion of land has been given to the local residents to build a primary school. The proposed school zone is not been utilized to this day.
- Staff houses at SUA were built in the 1960's, 1970's and 1980's. The need for new construction of staff houses or rehabilitation of old houses is rational given the increase of staff, there is a serious house shortage.
- Due to the increase of student enrollment the student hostel areas needs expansion and development. The existing zone shows some sign of congestion and lack of commercial facilities to cope with the increasing population.

3.2 Existing Infrastructure

3.2.1 Water Supply

The water supply problems at the main campus have been solved following the establishment of independent water source that was funded through a donor/government partnership. However, there is a need to rehabilitate the internal piping water supply network at both campuses to avoid wastage of water and, it is also encouraged to prepare and undertake rain water harvesting projects for green sustainability of the campuses.

SUA continues to face water supply problem at the Solomon Mahlangu Campus (SMC), which takes about 37% of the students' body. This call for the need to establish alternative (SUA own) water source for the campus.

The establishment of an alternative water source will support the envisaged plan of moving animals from SUA main campus farm to SMC farm which is better equipped and spacious enough to allow larger scale animal keeping.

3.2.2 Sewerage and Drainage System

The drainage and sewerage system at both SUA main campus and Solomon Mahlangu Campus needs rehabilitation. Upon realization of the problem, SUA engaged a Consultant who carried out a Condition Survey for drainage and sewerage system to identify the problems and recommend on the short term, medium term and long term measures.

The Consultant report recommended that, the existing sewerage system at Main Campus, especially at Tiba road and, new students hostels be connected to the Municipal Sewerage system and the existing oxidation ponds be cleaned and expanded.

At SMC, where pumping system is used, a new pump needs to be installed. These efforts should be extended to field stations to ensure that the drainage and sewerage systems are rehabilitated and regularly maintained.

Currently, student hostels Sewerage system has been connected to the Central Morogoro Municipal Sewerage system.

3.2.3 Road network and accessibility

The road from Morogoro town centre to SUA University main campus has been rehabilitated to tarmac level. Maintenance of internal roads and landscaping are undertaken by the Estate Department of the Sokoine University of Agriculture. The department has limited equipment and technical capacity, lack proper maintenance system and is inadequately financed. The problems of estates management are further compounded by lack of maintenance policy and the fact that Land Use Policy and Master Plan have not been reviewed to accommodate all changes that have occurred over time.

3.2.4 Office Space

Office space for both Academic and Administrative staff is inadequate across the Sokoine University of Agriculture. This problem has been aggravated due to human resources expansion not matching office accommodation requirements. Efforts are needed to optimize use of office space and construction of new Buildings in order to improve quality of training and working environment. The University needs to prepare a Policy regarding office accommodation.

3.2.5 Electricity – Service Coverage.

The Sokoine University of Agriculture gets its supply of electricity from the TANESCO National Power Supply Grid. It has however been experiencing frequent power cuts which disrupts University activities both academic and administrative.

In order to alleviate this problem, standby generators have been procured and installed to supply electricity to some buildings which is an expensive exercise. Since the problem of power cuts is a nation-wide issue, the University should look for more economic and reliable source of power supply; such as installation of Solar Power Panels to some of the buildings especially new structures.

Also the University should continue with efforts to rehabilitate faulty generator(s). It is recommended that serious discussion be held with TANESCO for a direct high tension 33 KVA supply and at least 2x1000 KVA Transformers for each of the SUA Campuses.

3.2.6 Environmental Issues.

SUA is located at the foot of the Uluguru Mountains. Efforts are made every year to plant trees to cover the terrain. These trees have been planted several areas of the University land without following the master plan. Most of the trees have been planted in areas where they do not serve any purpose such as shade, environmental conservation etc.

In addition, the disposal of plastic materials, toxic chemical from Laboratories and any rubbish should be handled according to acceptable environmental standards. SUA's strategic plan environmental policy should fully be implemented.

The establishment of SUA policy on Environmental Management is therefore needed for effective discharge of waste in order to meet the University efforts to conserve the environment as a contribution to national and global responsibilities.

3.2.7 Sports and Games

The existing facilities for sports and games at the University are not only inadequate but also deteriorating due to inadequate maintenance. The University lacks recreational facilities and has limited and qualified manpower for sports, games, recreation and cultural activities. There is an urgent need to improve the facilities as well as increasing the range of sports, games, recreation and cultural activities. The improvement in the facilities should go hand in hand with deliberate efforts to promote participation in sports and games at the University and in national, regional and international competitions

3.2.8 Student Population and Accommodation

The Sokoine University of Agriculture (SUA) provides accommodation for students on campus and off campus hostels.

Currently the University has a total of 9,018 student population of which 739 are postgraduates, 8,279 are undergraduates including non-degrees programmes. It also has a total of 1362 employees, 539 are academic members of staff of whom 50.2% are PhD holders and 823 are administrative staff of whom 36% are female

Current Students Accommodation Statistics at SUA stand as follows:

The University has a number of hostels at the Main Campus and SMC that cater for undergraduate and postgraduate accommodation needs.

Currently, the university facilities have a carrying capacity of 3,731 students. These facilities are managed by Sokoine University of Agriculture Students Accommodation Bureau (SUASAB).

SUASAB has accommodation space of 3590 undergraduate students and 141 postgraduate students which make a total capacity of 3731 students as shown below:

SN	Campus/Hostel	Capacity		Total
		Undergraduate	Postgraduate	
1	Main Campus	756	36	792
2	New Hostels	924	99	1023
3	Ex-NBC Flats	226	-	226
4	Solomon Mahlangu Campus	1430	6	1436
4	Kihonda Hostels	254	-	254
TOTAL		3590	141	3731

Due to this challenge, the University has to look for solutions as proposed below:

University has prepared the following strategies to alleviate the problem:

- i. Update Students Accommodation Policy,
- ii. Encourage Private and Public Institutions to build hostels on University land; (NSSF and other Private Investors have shown interest to build Hostels at SUA main campus but efforts are not yet to be realized.)

- iii. Continue to request the Government to allocate more funds for construction of student hostels and other related facilities.
- iv. Continue to allocate internally generated funds for rehabilitation, construction of new hostels and other accommodation facilities.
- v. Encourage staff to construct student accommodation facilities on University land.

3.2.9 Student Welfare

Much still remains to be done to improve student welfare at SUA. Modern infrastructure and its maintenance, adequate and quality accommodation services and a variety of sports and games which are dealt with separately play a big role in attracting the best young talents to join SUA. All these need improvements.

In addition, academic, social and career counseling services for students need to be better managed and improved. Efforts towards that direction have been made by employing counselors at the main campus and SMC. With the growing students population it is apparent that a student's centre is needed to cater for various services thereby improving the students' welfare.

Student Centre

Student centre is to comprise various facilities such as offices for students organization, catering services, indoor games, recreational facilities, shopping centre and stationaries

3.2.10 Roads Network and Accessibility

SUA internal road network covers a total of 30km where; Main Campus covers 6.7km, Solomon Mahalangu Campus covers 9.6km, and field station covers 13.7km. Most of the roads require urgent rehabilitation. There has been an effort to look for funds for rehabilitation of the internal road network from various sources. During Financial year 2007/2008 rehabilitation of internal roads of length 2.3km to tarmac level, and 0.8km at murrum level at Main Campus was accomplished. Other efforts are underway to ensure that funds are available to rehabilitate and maintain the internal roads regularly.

3.2.11 Car Parking Areas

The University has no centrally designated car park. Currently University staff park their cars in small scattered car parks situated near their offices. Unfortunately most of them are not adequate to accommodate all vehicles and are not well maintained, and do not portray the image of car parks. At present, private vehicles including taxis are haphazardly parked. In this new Master Plan there will centrally located car park to facilitate issues of security, ease of access and exit among others.

CHAPTER FOUR: THE MASTER PLAN

The new Master Plan proposes to have the following Colleges with a long term view of operating independently:

4.1 College of Agriculture (CoA)

The former Faculty of Agriculture (FoA)'s size and the diversity of the academic programmes under the Faculty justifies its restructuring into College of Agriculture and one School. This aims at reducing the administrative load of the Dean's office and at the same time mainstreaming the activities of the Faculty into the University taking into consideration the existing resources as well as improving efficiency of delivery of academic programmes.

This **College of Agriculture** and School of Agricultural Economic and Business Studies (SAEBS) have been included separately in the new master plan.

The following are the Department under College of Agriculture:

- i. Department of Crop Science and Horticulture
- ii. Department of Animal, Aquaculture and Range Sciences
- iii. Department of Soil And Geological Sciences
- iv. Department of Agricultural Education and Community Development
- v. Department of Food, Technology, Nutrition and Consumers Sciences
- vi. Department of Engineering Science And Technology

The following is Proposed Schedule of Accommodation for the College of Agriculture:

Functional Requirement (components)	Quantity	Capacity (people)
PRINCIPAL		
Principal's Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visitors	1	2
Administrative Officers' Office	3	1
Accountant and Supplies Officers' Office	1	4
Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
COMMON FACILITIES FOR COLLEGE		
LECTURE ROOM (Category A)	6	200
LECTURE ROOM (Category B)	2	600
LECTURE ROOM (Category C)	6	120
Computer Room (Laboratory)	6	100
Laboratory for practical teaching and research activities	16	100
Workshop	2	100
Resource Centre/Mini Library	1	600
<i>Office for Research and Academic Staff (Ration 1:30)</i>	250	1
Seminar Rooms	12	60
Conference Room	1	200
Examination Officers Office	1	2
Examination Room	1	6
Office for ICT Staff	1	2
Library		
Pray ground		
Cafeteria		

DEPARTMENT OF CROP SCIENCE AND HOLTICULTURE		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF ANIMAL SCIENCE,ACQUARE AND RANGE SCIENCE		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF SOIL AND GEOLOGICAL SCIENCE		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Photocopy and Printing Unity	1	1
DEPARTMENT OF AGRICULTURAL EDUCATION AND COMMUNITY DEVELOPMENT		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationeries/Photocopy	1	1
DEPARTMENT OF FOOD TECHNOLOGY AND CONSUMERS SCIENCE		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationeries/Photocopy	1	1
DEPARTMENT OF ENGINEERING SCIENCE AND TECHNOLOGY		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4

Office Attendant	1	1
Printing/Stationeries/Photocopy	1	1

Total Estimated Costs for the College of Agriculture is **Tshs. 35,250,000,000.00**

4.1.4 School of Agricultural Economics and Business Studies. (SAEBS)

The School of Agricultural Economics and Business Studies established with the following three departments;

- i. Department of Agricultural and Natural Resources Economics
- ii. Department of Agricultural Finance and Accounting
- iii. Department of Business Management and Entrepreneurship

Functional Requirement (components)	Quantity	Capacity (people)
OFFICES		
Dean Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visiting Deans' Guests	1	2
Administrative Officers' Office	3	1
Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
SCHOOL'S COMMON FACILITIES		
LECTURE ROOM (Category A)	1	200
LECTURE ROOM (Category B)	1	400
LECTURE ROOM (Category C)	1	600
Classroom	6	100
Computer Room (Laboratory)	4	80
Resources Centre/Mini Library	1	100
Office for Academic Staff (Ratio 1:15)	200	2
Seminar Rooms	8	40
Conference Room (Category A)	1	150
Conference Room (Category B)	1	300
Incubation Centre	1	950
Examination Officers' Office	1	2
Examination Room	1	5
Office for ICT Staff	1	2
Library		
Pray ground		
Cafeteria		
DEPARTMENT OF AGRICULTURAL AND NATURAL RESOURCES ECONOMICS		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF FINANCE AND ACCOUNTING		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1

Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT BUSINESS MANAGEMENT AND ENTREPRENEURSHIP		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1

Total Estimated Costs for the College of Agricultural Economics and Business Studies is **Tshs. 20,625,000,000.00**

4.2 *Prospective College of Natural Resource Science Management*

The Faculty of Forestry and Nature Conservation (FoFNC) is to be transformed into College of Natural Resource Science Management: The proposed College will take into consideration the national needs in expertise in the science and conservation of natural resources.

In this respect the college will be composed of the departments currently existing under the Faculty of Forestry and Nature conservation by either retaining their old names or with slight modifications. The new Campus College shall comprise the following Departments:

- (i) Ecosystems and Conservation (DEC),
- (ii) Forest Operations Management and Techniques (DFOMT),
- (iii) Forest Products and Technology (DFPT),
- (iv) Forest Resources Assessment and Management (DFRAM),
- (v) Natural Resources and Environmental Economics (DNREE),
- (vi) Tourism and Recreation (DTR)
- (vii) Wildlife Management (DWM)

The following is Proposed Schedule of Accommodation for the Prospective Campus College of Natural Resource Science Management:

Functional Requirement (components)	Quantity	Capacity (people)
PRINCIPAL OFFICE		
Principal's Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visiting Director's Guests	1	2
Administrative Officers' Office	3	1
Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
COLLEGE'S COMMON FACILITIES		
LECTURE ROOM (Category A)	1	200
LECTURE ROOM (Category B)	1	400
LECTURE ROOM (Category C)	1	600
Classroom	6	100

Computer Room (Laboratory)	4	80
Resource Centre /Mini Library	1	100
Office the Academic Staff (Ratio 1:30)	200	2
Seminar Rooms	8	40
Conference Room	1	150
Incubation Center	1	950
Examination Officer's Office	1	2
Examination Room	1	5
Office for ICT Staff	1	2
Library		
Pray ground		
Cafeteria		
DEPARTMENT OF ECOSYSTEMS AND CONSERVATION (DEC)		
Office of the Head of Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF FOREST OPERATIONS MANAGEMENT AND TECHNIQUES (DFOMT),		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF FOREST PRODUCTS AND TECHNOLOGY (DFPT),		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Photocopy and Printing Unity	1	1
DEPARTMENT OF FOREST RESOURCES ASSESSMENT AND MANAGEMENT (DFRAM),		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Photocopy and Printing Unity	1	1
DEPARTMENT OF TOURISM AND RECREATION (DTR)		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1

Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationeries/Photocopy	1	1
DEPARTMENT OF WILDLIFE MANAGEMENT (DWM)		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Photocopy and Printing Unity	1	1
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL ECONOMICS (DNREE),		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationeries/Photocopy	1	1

Total Estimated Costs for the College of Forestry, Wildlife and Tourism (CFWT) is **Tshs. 47,000,000,000.00**

4.3 **College of Veterinary and Medical Sciences (CVMS)**

Given the current student population in the faculty, it is proposed that the faculty of Veterinary Medicine (FVM) continue to operate as a single unit which shall be transformed into a College of Veterinary and Medical Sciences (CVMS)

The Departments proposed will include;

- i. Department of Anatomy, Histology and Cell biology
- ii. Department of Microbiology and Parasitology
- iii. Department of Physiology, Pharmacology and Toxicology
- iv. Department of Veterinary Medicine and Public Health
- v. Department of Veterinary Surgery and Theriogenology
- vi. Department of Veterinary Pathology
- vii. Department of Biochemistry, Molecular Biology and Biotechnology
- viii. Department of Medical Sciences

The following is Proposed Schedule of Accommodation for the Prospective College of Veterinary and Medical Sciences (CVMS)

Functional Requirement (components)	Quantity	Capacity (people)
PRINCIPAL OFFICE		
Principal's Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visiting Deans' Guests	1	2
Administrative Officers' Office	3	1

Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
COLLEGE COMMON FACILITIES		
LECTURE ROOM (Category A)	1	200
LECTURE ROOM (Category B)	1	400
LECTURE ROOM (Category C)	1	600
Classroom	6	100
Computer Room (Laboratory)	4	80
Resource Centre /Mini Library	1	100
Office the Academic Staff (Ratio 1:30)	200	2
Seminar Rooms	8	40
Conference Room	1	150
Incubation Center	1	950
Examination Officer's Office	1	2
Examination Room	1	5
Office for ICT Staff	1	2
Library		
Pray ground		
Cafeteria		
Department of Anatomy, Histology and Cell Biology		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Microbiology and Parasitology		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Physiology, Pharmacology and Toxicology		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Veterinary Medicine and Public Health		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50

Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Veterinary Surgery and Theriogenology		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Veterinary Pathology		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Biochemistry, Molecular Biology and Biotechnology		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
Department of Medical Sciences (Nucleus for Medical School)		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1

Total Estimated Costs for the Prospective College of Veterinary and Medical Sciences is **Tshs. 67,850,000,000.00**

NOTE: An extra 100Ha of land is proposed for the Department of Medical Sciences. This land is to be used for construction of a referral University Teaching Hospital

4.4 Prospective College of Social Sciences and Humanities (CSSH)

In the spirit of pulling together units, Prospective College of Social Sciences and Humanities (CSSH) has been formed by merging Development Studies Institute (DSI), Center for Sustainable Rural Development (CSR D) and Department of Social Sciences from Faculty of Science (FoS).

Initially the prospective Prospective College of Social Sciences and Humanities has the following Departments and Centers:

- a. Department of Development Studies
- b. Department of Language Studies
- c. Department of Policy Planning and Management
- d. Center for Gender Studies
- e. English Language Resource Center
- f. Bureau of Development Oriented Research

During the restructuring period the following departments are envisaged to be established between 2015 and 2020:

- a. Department of Sociology and Anthropology
- b. Department of Political Science and Strategic Studies
- c. Department of Law

The following is Proposed Schedule of Accommodation for the Prospective College of Social Sciences and Humanities (CSSH):

Functional Requirement (components)	Quantity	Capacity (People)
Principal's Office	1	1
Deputy Principal's	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for visiting Principal's Guests	1	6
College Board Room	1	50
Administrative and Finance Officers' Office	10	1
Store	3	
Printing/Stationery/Photocopy	1	
Pantry & Tea room	1	20
COLLEGE'S COMMON FACILITIES		
Lecture room for 200 students	1	200
lecture room for 400 students	1	400
Lecture room for 1000 students	1	1000
Computer room / Development Lab	2	100
Resource Centre/Mini Library	1	50
Office for Research and Academic Staff (Ration 1:30)	120	1
Seminar rooms	20	60
Conference room	1	150
Examination officer's office	1	2
Examination room	1	5
Office for ICT staff	1	2
Play ground		
Cafeteria	1	400
DEPARTMENT OF DEVELOPMENT STUDIES		
Office of the Head of Department	1	1

Secretary and reception area	1	1
Store	1	
Office for visiting academic staff	1	4
Staff common room	1	50
Pantry and tea room	1	20
Office attendants	1	2
Printing/Stationery/Photocopy	1	
Postgraduate Common Room	1	20
DEPARTMENT OF LANGUAGE STUDIES		
Office of the Head of Department	1	1
Secretary and reception area	1	1
Store	1	
Office for visiting academic staff	1	4
Staff common room	1	50
Pantry and tea room	1	20
Office attendants	1	2
Printing/Stationery/Photocopy	1	
Postgraduate Common Room	1	20
DEPARTMENT OF POLICY PLANNING AND MANAGEMENT		
Office of the Head of Department	1	1
Secretary and reception area	1	1
Store	1	
Office for visiting academic staff	1	4
Staff common room	1	50
Pantry and tea room	1	20
Office attendants	1	2
Printing/Stationery/Photocopy	1	
Postgraduate Common Room	1	20
CENTER FOR GENDER STUDIES		
Coordinator's office	1	1
Administrative officer/ secretary office	1	2
Resource rooms	2	10
Staff rooms	5	1
Common room	1	20
BUREAU OF DEVELOPMENT ORIENTED RESEARCH		
Coordinator's office	1	1
Administrative officer/ secretary office	1	2
Resource rooms	2	10
Staff rooms	5	1
Common room	1	20
LANGUAGE RESOURCE CENTER		
Coordinator's office	1	1
Administrative officer/ secretary office	1	2
Resource rooms	2	10

Staff rooms	5	1
Common room	1	20
Demonstration Room	1	30
DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY		
Office of the Head of Department	1	1
Secretary and reception area	1	1
Store	1	
Office for visiting academic staff	1	4
Staff common room	1	50
Pantry and tea room	1	20
Office attendants	1	2
Printing/Stationery/Photocopy	1	
Postgraduate Common Room	1	20
DEPARTMENT OF POLITICAL SCIENCE AND STRATEGIC STUDIES		
Office of the Head of Department	1	1
Secretary and reception area	1	1
Store	1	
Office for visiting academic staff	1	4
Staff common room	1	50
Pantry and tea room	1	20
Office attendants	1	2
Printing/Stationery/Photocopy	1	1
Postgraduate Common Room	1	20
DEPARTMENT OF LAW		
Office of the Head of Department	1	1
Secretary and reception area	1	1
Store	1	
Office for visiting academic staff	1	4
Staff common room	1	50
Pantry and tea room	1	20
Office attendants	1	2
Printing/Stationery/Photocopy	1	
Postgraduate Common Room	1	20

Total Estimated Costs for the College of Socio Sciences and Humanities is **Tshs. 30,250,000,000.00**

4.5 Solomon Mahlangu Proposed Prospective Campus College of Science and Education (SM-CSE)

The new Master Plan propose that the existing Faculty Of Science (FoS) and the SMC Directorate be merged and transformed into the Solomon Mahlangu Proposed Prospective College of Science and Education (SM-CSE), initially beginning with the following Departments.

- a. Department of Biology and Ecological Studies
- b. Department of Environmental and Physical Sciences
- c. Department of Computer Sciences and Information Technology
- d. Department of Mathematics and Statistics

- e. Department of Educational Foundation and Management
- f. Department of Educational Research and Psychology
- g. Department Curriculum and Teaching

The following is Proposed Schedule of Accommodation for the Proposed Prospective College of Science and Education (SM-CSE):

Functional Requirement (components)	Quantity	Capacity (people)
PRINCIPAL OFFICE		
Principal's Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visiting Deans' Guests	1	2
Administrative Officers' Office	3	1
Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
COLLEGE COMMON FACILITIES		
LECTURE ROOM (Category A)	1	200
LECTURE ROOM (Category B)	1	400
LECTURE ROOM (Category C)	1	600
Classroom	6	100
Computer Room (Laboratory)	4	80
Resource Centre /Mini Library	1	100
Office the Academic Staff (Ratio 1:30)	200	2
Seminar Rooms	8	40
Conference Room	1	150
Incubation Center	1	950
Examination Officer's Office	1	2
Examination Room	1	5
Office for ICT Staff	1	2
Library		
Pray ground		
Cafeteria		
DEPARTMENT OF BIOLOGY AND ECOLOGICAL STUDIES		
Office of the Head of Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF ENVIRONMENTAL AND PHYSICAL SCIENCES		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF COMPUTER SCIENCES AND INFORMATION TECHNOLOGY		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1

Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing /Stationeries/Photocopy	1	1
DEPARTMENT OF MATHEMATICS AND STATISTICS		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing /Stationeries/Photocopy	1	1
DEPARTMENT OF EDUCATIONAL FOUNDATION AND MANAGEMENT		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF EDUCATIONAL PSYCHOLOGY		
Office of the Head of the Department	1	1
Secretary & Reception Area	1	1
Administrator's Office	1	1
Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing/Stationery/Photocopy	1	1
DEPARTMENT OF CURRICULUM DEVELOPMENT AND TEACHING		
Office of the Head of the Department	1	1
Department Store	1	1
Office for Visiting Academic Staff	1	3
Staff Common Room	1	50
Pantry & Tea Room	1	4
Office Attendant	1	1
Printing /Stationeries/Photocopy	1	1

Total Estimated Costs for the Proposed Prospective College of Sciences and Education is **Tshs. 30,850,000,000.00**

4.6 INSTITUTE OF CONTINUING EDUCATION (ICE)

The Institute was established by the National Parliament Act No 6 of 1994 act as a collaborator between various stakeholders such as Farmers and Agricultural Extension officers and the University.

The main objective of the Institute is to disseminate various Technologies and delivery of consultancy services.

The institute consist the following Section:

- a. Conference services section
- b. Continuing Education section
- c. Educational communication media section
- d. Outreach and community education section

Functional Requirement (components)	Quantity	Capacity (people)
PRINCIPAL OFFICE		
Director Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visiting Director's Guests	1	2
Administrative Officers' Office	3	1
Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
CENTRE COMMON FACILITIES		
LECTURE ROOM (Category A)	1	200
LECTURE ROOM (Category B)	1	400
LECTURE ROOM (Category C)	1	600
Classroom	6	100
Computer Room (Laboratory)	4	80
Resource Centre /Mini Library	1	100
Office the Academic Staff (Ratio 1:30)	200	2
Seminar Rooms	8	40
Conference Room	1	150
Incubation Center	1	950
Examination Officer's Office	1	2
Examination Room	1	5
Office for ICT Staff	1	2

Total Estimated Costs for the Institute of Continuing Education is
Tshs. 10,000,000,000.00

4.7 CENTRE FOR INFORMATION AND COMMUNICATION, TECHNOLOGY (CICT)

The restructuring of computer centre is part of the implementation of Sokoine University of Agriculture Corporate Strategic plan (SUA CSP) of 2011-2020, which emphasizes that the centre should be headed by a director with formal training in ICT.

The restructuring of computer centre involves the change of name to Centre for Information and Communication Technology (CICT) and establishment of three Departments as approved by the 133rd council meeting

The institute consist the following Section:

- a. Department of ICT services
- b. Department of Training services
- c. Department of Education Technologies

Functional Requirement (components)	Quantity	Capacity (people)
PRINCIPAL OFFICE		
Director Office	1	1
Secretary & Reception Lounge	1	1
Office attendants	1	3
Office for Visiting Director's Guests	1	2

Administrative Officers' Office	3	1
Store	1	1
Printing/Stationery/Photocopy	1	1
Pantry & Tea room	1	1
CENTRE COMMON FACILITIES		
LECTURE ROOM (Category A)	1	200
LECTURE ROOM (Category B)	1	400
LECTURE ROOM (Category C)	1	600
Classroom	6	100
Computer Room (Laboratory)	4	80
Resource Centre /Mini Library	1	100
Office the Academic Staff (Ratio 1:30)	1	200
Seminar Rooms	8	40
Conference Room	1	150
Incubation Center	1	950
Examination Officer's Office	1	2
Examination Room	1	5
Office for ICT Staff	1	2

Total Estimated Costs for the Centre for Information Technology (CICT) is
Tshs. 15,550,000,000.00

4.8 PEST MANAGEMENT CENTRE/AFRICAN CENTER OF EXCELLENCE IN INNOVATIVE RODENT PEST MANAGEMENT AND BIOSENSOR TECHNOLOGY DEVELOPMENT

The restructuring of The Pest Management Center is part of the implementation of Sokoine University of Agriculture Corporate Strategic plan (SUA CSP) of 2011-2020. To enable the SPMC to focus more on its mandate as provided for in the instruments that established the centre the following sections were created.

1. Pest Biology and Ecological Studies
2. Vector - borne and Zoonotic Disease Studies
3. Pest Management Technology Development

From May 2016, the Centre was announced by the World Bank to be one of the African centers of Excellence which will be supported by the World Bank for a period of five years. The World Bank support will involve infrastructure development and capacity development in the field of Rodent pest management and biosensor technology development

Functional Requirement (components)	Quantity	Capacity (people)
FUNCTIONAL OFFICE		
Director Office	1	1
Deputy Director's office	1	1
Secretary	1	1
Reception Lounge	1	10
General office	1	5
Board room	1	20
Administrative Officer's Office	1	1
Financial officer's office	1	1
Common room/Tea room	1	20
Store	1	
CENTRE COMMON FACILITIES		
LECTURE ROOM	1	100
SEMINAR ROOM	1	50
Conference Room	1	80

Computer Laboratory	1	15
Resource Centre /Mini Library	1	30
Offices for researchers/Academic staff/Visiting researchers	20	1
Laboratories	3	10
Animal room	1	

Total Estimated Costs for the Pest Management Centre/Pest Training Fields is **Tshs. 20,000,000,000.00**

4.9 SOKOINE NATIONAL AGRICULTURAL LIBRARY (SNAL)

Infrastructure requirements:

- SNAL planning to construct two library building (one at SMC and one at main campus).
- Each library is expected to accommodate 1500 students at a time.
- Each library will also have offices, study rooms, seminar rooms, a computer lab
- The library building at Main campus will also house the University Archival Repository with four offices and space for at least 15 shelves, cabinets and computers.

Estimated costs are as per Appendix B

4.10 CENTRAL COMMON FACILITIES FOR THE UNIVERSITY

The following are common/central facilities to serve the whole university:

- Expansion of Mazimbu Hospital for training and commercial
- Central Library with capacity of 1000
- Lecture theatre with capacity of 2000 with collapsible wall behind the existing new lecture theatres
- Laboratories with capacity of 500 behind the existing new lecture theatres
- One Building to accommodate CICT ,Undergraduate studies ,and DRPGS
- Auxiliary Police building to be constructed near the main gates
- Irrigation farming for demonstration farming

Estimated costs are as per Appendix B

4.11 ADMINISTRATION AREA

The roles and scope of the Deputy Vice Chancellor (Administration and Finance) shall be as stipulated in the University Charter and as may be directed by relevant governance organs from time to time.

The office of the Deputy Vice Chancellor (Administration and Finance) shall comprise of all units responsible for Administration of human, fiscal and physical resources as well as specialized services including, but not limited to health and community welfare services, security and order services, maintenance and Services department, estates and utility Services.

These units are to be in the interest of creating an environment that can encourage growth, accountability, effectiveness, dynamism and professionalization under the office of DVC (Administration and Finance).

To that effect, the new Master Plan proposes that the administrative and support services mainstreamed under the Office of the Deputy Vice Chancellor (A&F) are to be organized under the following seven Departmental units:

- a. Human Resource Management and Administration Department

- b. Department of Planning & Development
- c. Finance Department
- d. Estate and Works Department
- e. Hospital Services Department
- f. Students Welfare and Administration
- g. The University Farm

4.11.1 Human Resource and Administration Department

This Department will be responsible for Administration and Management of Staff recruitment, development, records, performance & appraisal.

It is proposed that Human Resources and Administration Department be reorganized into the following sections In above respect, the Department will have 4-role dedicated sections as follows:

- a. Human resource section
- b. Administrative Services Section

4.11.2 Department of Planning and Development

The Department of Planning and Development is proposed to reorganize to adhere to and take responsibilities for overall Planning for the University development initiatives as guided by the Corporate Strategic Plan among other instruments promulgated by the University Council.

The Departments of Planning & Development is to be reorganized into two sections as follows:

- a. Policy ,Planning and Budgeting section
- b. Monitoring and Evaluation section

4.11.3 Finance Department

It is recommended that the Department of Finance be consolidated along lines sections dedicated to specific functions as follows:

- a. Revenue
- b. Expenditure
- c. Proposed Income generation Unit
- d. Research grant
- e. Costing
- f. Fund Management
- g. Pre-Audit
- h. Payroll
- i. Final Accounts
- j. Students Management
- k. Asset Management
- l. Information Technology
- m. Olmotonyi Forest Training Centre
- n. University Farm

4.11.4 Estates and Works Department

Current Estates Department is recommended to be changed to Estates and Works Department; the department shall be led by Estate and Works Manager who will report direct to Deputy Vice Chancellor (Administration and Finance).

It is proposed that the Estates and Works Department to be reorganized into the following section:

- a. Design and Work section
- b. Maintenance Section

4.11.5 Hospital Services Department

In the past five years, the services offered by the health service department have expanded to include a hospital (at SMC) and Health Centre (main campus), both of which operate for 24 hours. Services offered by these facilities are now open to both the SUA community and non-SUA community surrounding the campuses.

It is proposed that these services be organized under a Hospital Services Department and led by the Resident Medical Officer assisted by a senior Doctor. The Resident Medical Officer shall be appointed and serve under terms determined by the University Council and/or as may be guided by other relevant instruments, upon recommendation of the Management. The Resident Medical Officer shall report directly to DVC (A&F) on operational matters and through the Department of Human Resource and Administration on administrative matters.

4.11.6 Department of Students Welfare and Administration

The Dean of Students office is responsible for the welfare and discipline of students in the University. It also coordinates matters of student accommodation and students' social welfare. The office of the Dean of Students (DoS) located at the main campus is overall responsible for student services both at the main campus and at SMC.

Taking into consideration the increasing student population, including foreign students, and the distance separating the two campuses, it is proposed in the new Master Plan that the Dean of Student office be re-organized and strengthened to cater for delivery of cross cutting services to students.

Initially, the DOS will have the following section:

- a. Counseling, Guidance and students governance.
- b. International student Liaison Service Unit.
- c. Student Accommodation (SUASAB), Health and catering services.
- d. Games Sports and Recreation

4.11.7 The University Farm

It is recognized that the University needs land for different purposes including, real estate, teaching and research, farming as an enterprise; investment, natural resource conservation.

The Master Plan recommends that the University Farm be transformed into a commercial enterprise to operate competitively businesswise and for that effect be strengthened and managed from the Mazimbu farm where it has already been relocated to.

It is further proposed that the Farm develops a clear administrative structure in line with the University Farm Policy of 2006.

5.0 LAND NEEDED FOR EACH OF THE COLLEGES

The Master Plan has reserved an average of 100 to 200 Acres to Start with for each of the Colleges/School for the proposed of physical development i.e. for buildings, roads, parking and related services. The Colleges are expected to grow radiant from the Administrative building forming the center.

Each of the colleges will have independent Teaching, Academic and Sports facilities in the long run which will include lecture theatres, laboratories, Play grounds and other facilities as per needs of each.

It is also proposed each of the colleges will have a staff housing zone and therefore some staff houses will be built.

6.0 STUDENT ACCOMMODATION

Whereas Canteens facilities will be provided in each of the colleges it is proposed that student accommodation be expanded at the current location near rodents unit.

APPENDIX A - DRAWINGS

1. LAND USE PLAN
2. MASTER PLAN
3. MASTER PLAN – PROPOSED COLLEGES BOUNDARIES
4. PART OF MASTER PLAN – ADMINISTRATION
5. PART OF MASTER PLAN – COLLEGE OF AGRICULTURE
6. PART OF MASTER PLAN – COLLEGE OF VETERINARY AND MEDICAL SCIENCES
7. PART OF MASTER PLAN – COLLEGE OF SOCIAL SCIENCES AND MANAGEMENT
8. PART OF MASTER PLAN – SCHOOL AGRICULTURAL ECONOMICS AND BUSSINESS STUDIES
9. PART OF MASTER PLAN – PEST MANAGEMENT CENTRE
10. PART OF MASTER PLAN – PEST MANAGEMENT TRAINING FIELD

S/N	NAME	ESTIMATED COSTS (TSHS.)
1	COLLEGE OF AGRICULTURE	35,250,000,000.00
2	COLLEGE OF AGRICULTURE ECONOMICS AND BUSINESS STUDIES	20,625,000,000.00
3	COLLEGE OF FORESTRY, WILDLIFE AND TOURISM (CFWT)	47,000,000,000.00
4	COLLEGE OF VETERINARY AND MEDICAL SCIENCES	67,850,000,000.00
5	COLLEGE OF SOCIAL SCIENCES AND HUMANITIES	30,250,000,000.00
6	INSTITUTE OF CONTINUING EDUCATION	10,000,000,000.00
7	CENTRE FOR INFORMATION COMMUNICATION TECHNOLOGY	15,550,000,000.00
8	PEST MANAGEMENT CENTRE (AND TRAINING FIELDS)	20,000,000,000.00
9	SOKOINE NATIONAL AGRICULTURE LIBRARY	17,000,000,000.00
10	UNIVERSITY COMMON FACILITIES	45,000,000,000.00
11	INFRASTRUCTURE SUPPORT SYSTEMS (<i>Roads, Electricity, Water Supply, Sewer, Storm Water, ICT</i>)	120,000,000,000.00
12	SUB-TOTAL COST ESTIMATE: MAIN CAMPUS	428,525,000,000
13	COLLEGE OF SCIENCE AND EDUCATION (S-M CAMPUS)	30,850,000,000.00
14	GRAND TOTAL COST ESTIMATE	459,375,000,000.00