



MOI UNIVERSITY HOSTELS PROJECT

PROJECT INFORMATION MEMORANDUM

FEBRUARY 2018







FOREWARD by the VICE CHANCELLOR

Moi University Hostels Project will be one of the major development efforts to be undertaken by Moi University with support from the Kenya Government. It involves a proposal for the construction of modern student hostels by the institution, an idea that was first mooted in 2010.

In the development of the Moi University Hostels Project, a number of stakeholders participated and these included the Government of Kenya, represented by the PPP Unit of the Treasury, the University itself and the surrounding community with resourceful expert advice and input from the Transaction Adviser, Genesis Consortium. This combined effort, resulted in a proposal of high quality that formed the contents of this memorandum. With the completion of the memorandum process, the institution will be in a position to advertise the project with the aim of attracting potential investors to bid for it.

Throughout the developmental stages over the last two years, Moi University has exercised due diligence to ensure that the construction of the hostels remains affordable and that the institution gets value for its money. Moi University intends to procure the required works and services for a period of 20 years under the PPP scheme terms as per the provisions of the Kenya PPP Act, 2013. The procurement will involve the construction of hostels with bed space capacity of 15000 in number, including the development of corresponding bulk infrastructure and associated facilities at the institution's Main and Law School Campuses.

With the assistance of the Government the project remains a viable enterprise to the successful bidder considering that with the increase in student numbers each year, the demand for on-campus hostel accommodation continues to increase even with the participation of private developers in the sector. I therefore take this opportunity to inform potential investors that the University fully supports hostel development on the PPP model and this document forms part of an ongoing process of interaction between the institution and interested parties on the project. It has been prepared to inform interested parties as to the hostel project's development and the prospects it holds both to the contracting body and investors. I look forward to receiving comments that would assist the project team to refine our plans for the hostel project so that we gain maximum value through an efficient procurement process.

Your contribution to this endeavour will be highly appreciated.

Prof. Laban P. Ayiro, PhD, ss

Ag. Vice Chancellor



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1. INTRODUCTION

Moi University (MU) is located in the western region of Kenya and was established in the mid-1980s. The student population has been growing over the years and the demand for hostel accommodation has increased consequently. A Feasibility Study was conducted to determine the viability of building new Hostel facilities to accommodate the projected student growth.

The anticipated MU Hostels Project, henceforth "the Project", is a Public-Private Partnership (**PPP**) project to be procured under a Build, Operate and Transfer (**BOT**) basis. The project consists hostel accommodation and the necessary associated facilities for the Main Campus, Law Campus and College of Health Sciences (**CHS**) at MU.

MU, in coordination with the Transaction Advisor (**TA**), wishes to procure the Project in a way that is commercially attractive to the market and meets the University's objectives of supplying sufficient hostel accommodation. This Project Information Memorandum (PIM) forms part of the Request for Qualifications (RfQ) document.

It has been prepared to inform interested parties as to the Project's development and proposed project structure.



2. KENYAN CONTEXT

2.1 State of the Kenyan Economy

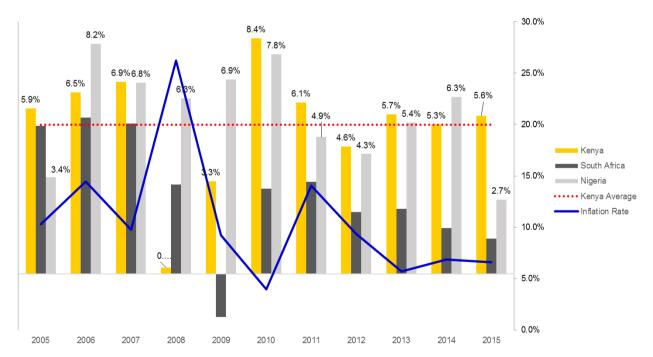
Economic Growth

Kenya has established itself as a strong economy since independence was achieved more than 50 years ago. Over the last decade, Kenya has experienced robust growth recording a gross domestic product (**GDP**) growth of 5.6% in 2015 and an average GDP growth of 5.3% between 2005 and 2015. This is in comparison to sub-Saharan Africa's two largest economies, South Africa and Nigeria's average GDP growth of 2.9% and 5.7% respectively (Figure 1).

Figure 1: Kenya, South Africa and Nigeria's GDP growth (annual%), 2005 -2015

GDP growth has been driven mainly by the expansion of the mining and quarrying, tourism, financial services, real estate and construction sectors. Growth, particularly in 2015, can be attributed to the increased spending on infrastructure, improved agriculture output, and enhanced investor confidence.

The Kenyan economy is mainly dominated by the agricultural sector. As of 2015, the sector accounted for over 25% of the country's GDP and over 50% of revenue from exports.³ The 2007/8 financial crisis reduced demand for its main horticulture exports. This coupled with a slowdown in other economic sectors, such as the tourism industry resulted in growth significantly decreasing in 2008 to 0.2%.



Source: The World Bank, 2017.

¹ Central Bank of Kenya. 2016. The Kenya Financial Sector Stability Report, 2015: Issue No.7. p12.
² Ibid.

³ Deloitte. 2016. Kenya Economic Outlook 2016: The Story Behind the Numbers. p15.



Kenya has seen a general reduction in inflation over the period 2005 - 2015, although there have been periods of volatility, dropping from a high of 26% in 2008 to relatively stable levels around 6-7% over the past few years. Inflation for 2016 is predicted to come in at similar levels, around 7.8%.

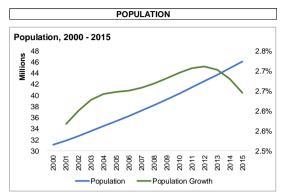
In 2016, Moody's gave Kenya positive outlook and a B1 sovereign rating amid expected continued strong growth prospects.⁵

The recent economic data thus show that the Kenyan economy is relatively stable at present, with moderate inflation expectations and good growth projections for the future. A sound economic environment such as this provides a strong foundation for future investments.

Socio-economic Trends

Kenya's population has been growing at a rapid pace, doubling over the last 25 years. As of 2015, the population stood at 46 million with a growth rate of 2.6% per annum. Approximately 74% the population lives in rural areas. Increased education levels, particularly amongst women may delay the childbearing age leading to a slower growth in the population in the long run.

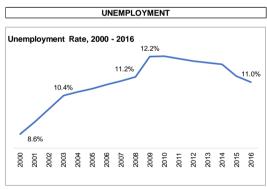
Figure 2: Kenya's Population Trend, 2000 - 2016



Source: The World Bank, 2017.

Kenya has been experiencing high rates of youth unemployment and underemployment. The informal sector makes up a majority of the jobs created. Total unemployment in 2016 was 11% (Figure 3). The employment to population ratio, i.e. the percentage of the population aged 15 years and older that is employed, is 60.1%.⁷

Figure 3: Kenya's Unemployment Trend, 2000 - 2016



Source: The World Bank, 2017.

Business Climate

Kenya has taken a number of measures to improve the business environment. Some of the measures taken include: streamlining the

⁴ Kenya National Bureau of Statistics. *Leading Economic Indicators (January 2016)*

https://www.moodys.com/research/Moodys-affirms-Kenyas-B1-sovereign-rating-maintains-stable-outlook--PR 343617.

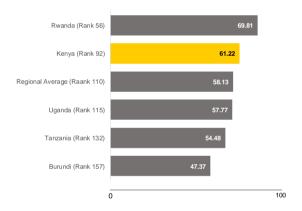
UNESCO Institute for Statistics. 2017.
 http://data.uis.unesco.org/#. Accessed: [30/05/2017].
 International Labour Organisation. 2017. ILOSTAT database. http://www.ilo.org/ilostat. Accessed: [30/05/2017].



process of getting electricity by introducing the use of a geographic information system which eliminates the need to conduct a site visit, thereby reducing the time and interactions needed to obtain an electricity connection; registering property at the land registry and cadastre is more transparent thereby simplifying the process; and electronic filing systems allow for faster payment of taxes faster for companies.

Kenya's "Ease of Doing Business" is ranked 92 out of 190 countries globally. Amongst its East African Community (**EAC**) peers, Kenya is ranked second with a distance-to-frontier (**DTF**)⁸ score of 61.22.

Figure 4: Kenya versus East African Community "Ease of Doing Business" Ranking, 2017



Source: The World Bank, 2017.

2.2 Kenyan Education sector

The Landscape of Tertiary Education

University education in Kenya began in 1963 with just 571 students enrolled in Nairobi University College (currently known as the University of Nairobi). The Vision 2030 introduced a policy shift for tertiary education in Kenya, moving towards greater government

involvement in the universal provision of tertiary education for Kenyan society.

In particular, increased student transition from secondary to tertiary education and the corresponding increase in student enrolment and the expansion of tertiary education institutions forms a primary means in achieving the Government of Kenya's (**GoK**) goal of providing "globally competitive quality education, training and research for sustainable development".9

The rapid expansion of tertiary education among the youth has resulted in the promotion of universities from colleges to full university status. The total number of public universities in Kenya increased by 30.4% to 30 in 2016 after granting charters to seven university colleges to full university status. ¹⁰ Expansion has occurred in all public universities and in private, for-profit providers of tertiary education.

Along with growth in the number of universities, has come huge growth in enrollments. The enrollment figures for 2014 show that there were 443 783 students enrolled at all universities across Kenya, more than double the 2012 enrollment number. Approximately 215 000 (48%) of those students were enrolled in private university institutions.

Student admission to public universities in Kenya is tied to the universities' capacity to absorb new students, influenced primarily by teaching space and hostel facilities available.

⁸ An economy's distance-to-frontier score is indicated on a scale from 0 to 100, where 0 represents the worst performance and 100 the frontier

⁹ Kenya Vision 2030 pg. 98

¹⁰ Kenya National Bureau of Statistics. 2017. Economic Survey. p40.



There are current efforts to improve the quantity and quality of hostel accommodation at a number of Government universities/colleges in the country. The Kenya Infrastructure Finance and Public-Private Partnership Project (IFPPP) is a World Bank-funded credit facility that seeks to promote increased private investment in the Kenyan infrastructure market. With the assistance of the IFPPP, a number of public universities/colleges are looking to address the growing shortfall in hostel accommodation through a PPP arrangement.

Nationally, universities recognise the important role that student housing plays in meeting institutional goals and enhancing campus life. Historically, providing on-campus housing has been a part of the public university model, although increased demand as a result of increased enrollment has led to the need for students to seek accommodation off-site. MU has been instituting interventions specifically aimed at increasing accommodation space to cater for the increasing number of students joining the University. This is in line with the vision of the University.

While public universities have made efforts to provide additional teaching space to accommodate increasing number the of students, partly due to cost constraints, less emphasis has been placed on developing additional hostel facilities. This has created a situation where many students have no option but to look for accommodation space outside the universities' premises, generally in poorly developed private accommodation alternatives.

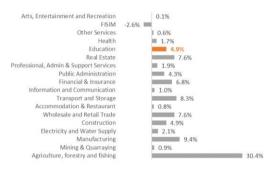
Through the development of adequate residence facilities at these places of learning, the GoK hopes to improve the successes of higher education institutions and meet national education and development priorities. This is in

line with the National Strategic Vision 2030, which obligates universities to meet the increasing demand for higher education and to improve the welfare of students.

National Education Policy Priorities in Kenya

Historic underinvestment in education systems is a feature of most developing countries. This has been true in Kenya as well, where the demand for quality education outstrips supply. Affordability concerns also make the provision of universal education a national challenge.

Figure 5: Economic Sector Contribution to Kenya's GDP, 2016



Source: Kenya National Bureau of Statistics, 2017.

The Education sector contributed 4.9% to Kenya's GDP in 2016. The gross recurrent expenditure for the Ministry of Education is expected to rise by 13.5 per cent. 11 Past budget cuts have made this an increasingly difficult task to achieve. Shortages in the number of lecturers also affect growth in quality standards and leads to growing student to faculty ratios.

Tertiary education is seen as playing an important role in reaching Kenya's national development goals. The GoK has made investment in education core to its development policy over the past two decades. The government's Poverty Reduction Strategy Paper

¹¹ Kenya National Bureau of Statistics. 2017. Economic Survey. p2.



(PRSP) advocated six areas of focus for investment over the period 2001 to 2004, one of which was human resource development. This was followed by the GoK's Economic Recovery Strategy (ERS) which detailed the government's strategy for wealth and employment creation for the period 2003 to 2007. Four pillars supported the implementation of the ERS, one of which was investment in the human capital of the most vulnerable members of society.

These strategies culminated in the creation of a long-term blue print for Kenya's national development path, contained in the GoK's Vision 2030. The aim of Vision 2030 is to transform Kenya into a 'middle-income country by providing a high-quality of life to all its citizens by the year 2030'. 12 Identified as core to the success of the Vision, is the continued development of the education and training sector.

Understanding the current situation that characterizes tertiary education in the country is important to inform our understanding of the kinds of intervention and investment that is required going forward. Aligning the existing needs that this project seeks to address, with the broader national goals for tertiary education will ensure that resources are used where they are most needed.

2.3 PPPs in Kenya

Infrastructure is fundamental to economic growth, with long-lasting effects on the economic growth and development potential of a country. In contrast, a lack of infrastructure is closely related to high levels of poverty and low levels of equality. This is because infrastructure, particularly basic infrastructure most needed in fragile and developing economies, enables

countries' populations to become more productive, provides basic services to households and improves the living conditions of a nation.¹³

Kenya's PPP Policy focuses on the following parameters:¹

- Providing a context for PPPs in Kenya and outlining the potential goals and benefits of the PPP framework;
- Providing the foundation for: the establishment of institutions to drive the PPP agenda; the mobilisation of international and domestic private sector investments; and the support that will be provided by GoK to PPP projects; and
- Providing a clear and transparent process for PPP project development in Kenya.

In order to meet this need, GoK will have to seek out different modes of financing. PPPs provide one alternative, where private sector finance can be crowded in to national development priorities. A PPP is a long-term contract between a private party and a government agency, for providing a public asset or service, in which the private party bears significant risk and management responsibility.

http://www.worldbank.org/en/programs/global-Infrastructure-facility

¹² Kenya Vision 2030

¹³The World Bank (2015). Global Infrastructure Facility Gets to Work. Online:



It is within this context that the GoK has introduced PPPs into its national development approach. This began in 2009 with the establishment of an institutional and regulatory framework that supported the use of PPPs, which was subsequently reviewed and updated a year later. This was followed by an official GoK PPP Policy statement that articulated the GoK's commitment to PPPs and aimed to provide the basis for the enactment of legislation surrounding the use of PPPs.

Following from the PPP Policy was the passing and coming into effect of the *Public Private Partnership Act, No. 15 of 2013* ('PPP Act'), which details the process through which PPPs must be undertaken in Kenya. *GoK PPP Regulations* were produced in 2014 and provided more detailed operational directions on how PPP projects will be prepared, tendered, approved, and implemented, and what the roles and the responsibilities of the parties involved in PPP transactions are.

¹⁴ Kenya PPP Unit Website. http://www.pppunit.go.ke/index.php/home Accessed on 10 December 2015



3. **OVERVIEW OF THE PROJECT**

3.1 Introduction to Moi University

MU University was first established in 1984 by the MU University Act (Chapter 210A, Laws of Kenya). MU was granted the MU University Charter vide Legal Notice 202 of 2013. MU's main campus is located in Eldoret.

In September 2013, the President of the Republic of Kenya granted the Charter to MU, pursuant to section 21 of the Universities Act, 2012. Under the Charter, MU is established as a university and the successor of MU University established by the MU University Act (Chapter 210A, Laws of Kenya) and as a body corporate with perpetual succession and a common seal, and in its corporate name it is capable of:

- Suing and being sued;
- Taking, purchasing otherwise or acquiring, holding, charging disposing of movable and immovable property;
- Borrowing or lending money; and

Doing or performing any such other things or acts for the furtherance of the provision of this Charter which may be undertaken by a body corporate.

The first 83 students were admitted to MU in 1984 through a transfer from the Department of Forestry, University of Nairobi. Since then, the University has experienced phenomenal growth from its initial one faculty in 1984, to a total of 14 Schools and 8 Directorates in 2017.

The University currently operates a number of campuses which are located in different areas. The focus of this project is on three of these, all of which are in or near Eldoret town, approximately 310 km northwest of Nairobi.

These include the University's:

Main Campus: located approximately 40km south of Eldoret and just over 10km off the Eldoret - Nakuru Road from the Cheptiret junction.

Law School (Annex): located just outside Eldoret, around 10km south on the Eldoret -Nakuru Road.

College of Health Science (CHS): located in Eldoret itself, near the town centre and off Nandi road.

Vision

To be the University of choice in nurturing innovation and talent in science, technology and development.

To preserve, create, and disseminate knowledge, conserve and develop scientific, technological and cultural heritage through quality teaching and research; to create conducive work and learning environment; and to work with stakeholders for the betterment of society.



MU University's Strategic Plan 2015/2016 – 2020/2021 places the development of hostel accommodation for its students high on its agenda. Currently, MU is experiencing a shortage of accommodation at most of its campuses. According to its Strategic Plan, 'rapid growth of the student population and low funding have put severe strain on the available infrastructure and facilities'. The construction of student hostels forms part of MU's Capital Development Plan.

3.2 Project Scope

Moi University (MU) is seeking to engage a private party to finance, build and operate student accommodation on its behalf.

A detailed feasibility study has been conducted which clearly outlined the rationale for MU to embark on this project, as well as providing the most feasible site and design option, which have been technically, financially and economically appraised.

Based on the analysis of accommodation demand and supply, conducted by the TA and in discussions with MU Administration, it is envisaged that hostels developed under this project will be designed to provide accommodation for 15 000 additional students on campus.

11 000 Main Campus Students 3000 Law Campus Students*

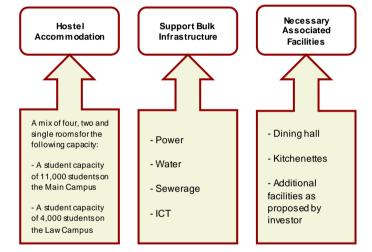
1000 CHS

Students'

* Due to economies of scale, financing and affordability constraints of MU, it was agreed that the Law and CHS hostels will be combined and established at the Law campus. The hostel accommodation will therefore be located within the MU's Main and Law campuses.

The project's scope for each campus covered three components – the hostel accommodation, bulk infrastructure and associated facilities. The hostel accommodation specifications focused on the number of students to be accommodated per room. All rooms are to be equipped with a bed, and study tables and chairs. Associated facilities relate to the additional accommodation services such as a dining hall, food court and barbershop. These will enhance the student living condition, and also potentially generate revenue.

The proposed project has three distinct components:



Hostel Accommodation

The hostel accommodation service scope relates to the specific hostel accommodation needs for the growing MU student population. This is the core of the project scope and outlines the number of students for whom hostel accommodation must be provided, as well as the necessary accompanying features of the hostel accommodation. The required accommodation infrastructure for MU is as follows:

 Hostels to accommodate 11 000 students on the Main Campus (10 000 undergraduate and 1000 postgraduate/international students)



- Hostels to accommodate 4 000 students on the Law Campus (3750 undergraduate and 250 postgraduate/international students)
- Hostel blocks to be equipped with the required sanitary facilities
- · Common study rooms for students
- Facilities management offices

Bulk Infrastructure

The functionality of the hostel accommodation is reliant on certain essential bulk infrastructure. The existing infrastructure is just able to meet the needs of the students currently residing in MU hostels. The needs analysis provided the detail on the status of the bulk infrastructure service and the enhancements required to accommodate the anticipated increase in students residing on the MU's two campuses. Based on an assessment of the existing bulk infrastructure at the campuses, the required supporting infrastructure is as follows:

- Additional water supply for the new hostels
- Electricity connection for the new hostels
- Additional sewerage to support the existing sewer system
- Road access to the new hostels

The bulk infrastructure improvements are expected to be standardised regardless of the technical design chosen. The enhancements in bulk infrastructure must be 'fit for purpose' to support the increased student population at each campus.

Associated Facilities

addition the essential hostel In to accommodation and required supporting infrastructure, certain facilities may be included in the scope of the project. This will be to enhance the residential service provided to students, further improving students' living conditions. The associated facilities may also have a commercial element as some of the facilities will be provided to students at an additional charge to their accommodation fees. This is an important consideration as it will enhance the commercial viability of the project.

The proposed associated facilities at MU are as follows:

- Additional food supply facilities (e.g. a food court);
- A tuck shop in the hostels; and
- A barbershop/hair dressing salon.

3.3 The Demand for Hostel Accommodation

The proposed provision of additional hostel accommodation for MU is premised on a view that the current hostel accommodation is insufficient for the needs of the current and future student population.

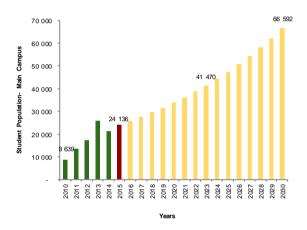
Main Campus

Over the last eight years, from 2010 to 2017, the student population on MU Main Campus has risen from 8 639 to the current 25 629 students. This includes students of all degree years and represents an annual average growth rate of just over 35%. Over the next 15 years, according to the MU Administration, the total student population on Main Campus is forecast to grow by an average of 7% per annum. MU Administration therefore projects that the



number of students on Main Campus will increase from its current level to a population of 41 470 by 2023, and will continue to increase in the future to reach 66 592 students enrolled by 2030.

Figure 6: Historical, Current and Projected Student Population, Main Campus, 2010 - 2030



Source: MU University, 2015. Note: green bars represent actual past enrolment numbers; the red bar represents current enrolment number; yellow bars represent student population projections.

The supply of hostel accommodation for students on the Main Campus is currently provided through a combination of on-campus provision by MU and private hostels that are within the vicinity of the Main Campus. Accommodation provided by MU on its Main Campus can accommodate up to 8 478 students, as shown in the table below. The 8 478 students are housed in a number of different hostels which vary in room size and amenities offered. The hostels are separated according to gender, such that of the total spaces available, 4 683 (55%) are for male students. 15

Figure 7: Number of Students Housed in MU Main Campus Hostels, by Gender



Source: MU University, 2015.

MU's available hostel accommodation at its Main Campus is insufficient given the student population forecasts outlined above. Students forced find alternative are thus to accommodation off-campus. Private hostel accommodation close to MU has become an important source of lodging for MU students and is investigated below. Students studying on Main Campus but who fail to get on-campus accommodation usually look for accommodation in private hostels located next to the campus on privately owned land. These facilities are established specifically for students; given that the MU Main Campus is a significant distance from both Eldoret (40km) and from the Eldoret -Nakuru road (approximately 10km), there are no large, well-established towns in the immediate area. The private hostel rooms range in size, from some single rooms up to rooms where four, six or eight students share. Although the private hostel capacity difficult is to accurately determine given that the accommodation is not specific to students, a reasonable estimation from surveys by the TA is

students by the end of 2016. This number is included in the accommodation gap analysis that follows.

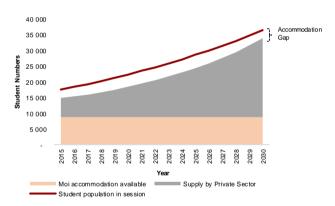
¹⁵ MU is currently nearing completion of a wing in one of the existing hostels which will accommodate an additional 250



that private hostels can currently provide about 6 000 MU students with accommodation.

Assuming that MU is unable to provide any further accommodation, and that private hostel accommodation grows by 10%, the total available hostel capacity in 2030 will be 33 791. The majority of this capacity is expected to be provided by the private sector. The total supply will be substantially below the projected student population expected to be in session at any one point in that year of 48283. Thus, the accommodation gap is expected to be 14492 in 2030 (see the figure 8 below).

Figure 8: MU Student Accommodation Gap - Including Private Sector, Main Campus

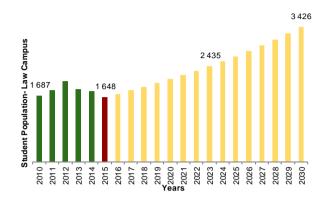


Source: TA calculations.

Law Campus and College of Health Sciences

There were 1 648 students registered at MU's Law Campus in 2015. Over the next 15 years, according to the MU Administration, the total student population on the Law Campus is forecast to grow by an average of 5% per annum. ¹⁶ MU therefore projects that the number of students on its Law Campus will increase from the current level (1 648) to a population of 2 435 by 2023, and will continue to increase in the future to reach 3 426 students enrolled by 2030.

Figure 9: MU Actual and Forecasted Student Population, Law Campus, 2010-2030



Source: MU University, 2015. Note: green bars represent actual past enrolment numbers; the red bar represents current enrolment number; yellow bars represent student population projections.

Hostel accommodation at MU's Law Campus is limited. The University does not currently have any hostels in place on the campus. The University does, however, rent and manage a number of private hostel blocks located near the campus for some of its students. Currently, MU is able to accommodate 375 of its 1 648 students in these hostels, leaving a shortfall of 1 273 bed spaces. Of these, 209 are for male students, while 166 are for female students.

The private rented accommodation MU provides on its Law Campus is intended for government-sponsored students only. Self-sponsored students, which make up most of the students registered on the Law Campus, are responsible for finding their own accommodation. Students whose accommodation is not arranged by the University were found to either rent private houses nearby which have been converted into hostels or are forced to stay in Eldoret town.

¹⁶ MU University. 2015. Hostel versus student population.

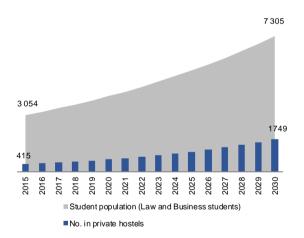


In 2017, some students of School of Business and Economics were relocated to study at the Law Campus.

Based on the student growth projections applied above, there are estimated to be a maximum of 7305 students (combined Law and Business students) requiring accommodation semester by the 2030 year. Given these growth projections. should there be no further in hostel accommodation. expansion demand for on-campus accommodation would outstrip the accommodation currently supplied by MU significantly. The figure below shows the accommodation gap in the absence of any additional hostel accommodation, assuming a 10% growth in private hostel accommodation.

Figure 10: MU Student Accommodation Gap, Law Campus

– Including Private Sector Growth



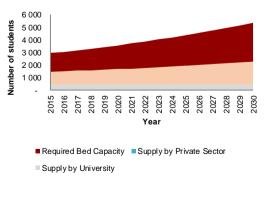
There were 1 482 students registered at MU's CHS Campus in 2015. Based on similar assumptions to that of the growth in the Main Campus student population above, MU Administration expects that enrolment at the CHS Campus is expected to grow by 5% on an annual basis. MU therefore projects that the number of students on its CHS Campus will increase from its current level to a population of 2 190 by 2023, and will continue to increase to 3 932 by 2030.

The supply of hostel accommodation for MU CHS students is currently provided through a combination of on-campus provision by MU and private hostels that are within the vicinity. The University has one hostel that houses 438 students. The University rents and manages additional private hostels within Eldoret Town for its students. Some of these hostels are located more than 2 Kms away from the Campus thus raising issues of security.

Rooms across all hostels house from one to six students. In total, MU is currently able to provide accommodation (through both its own and rented hostels) for approximately 1 448 CHS students as shown in Table 19 below. Of these, 438 are housed in MU's own hostels and the remaining 1 010 in the rented private premises. A very small number of students (around 30+) choose to stay in private hostels out of their own volition.

Assuming that MU is unable to provide any further accommodation of its own, and that private hostel accommodation grows by 4% per year, the total available hostel capacity in 2030 will be 2 257. This will be below the projected student population in that year of 3 081. Thus, the accommodation gap is expected to be 824 in 2030 (see the figure below).

Figure 11: MU Student Accommodation Gap - Including Private Sector, CHS Campus



Source: TA calculations.



4. PROPOSED PPP SCHEME

MU intends to procure the required works and services through a 20 year PPP scheme which will involve the successful bidder establishing a dedicated special purpose vehicle (SPV) that will enter into an agreement with MU, under the provisions of the Kenya PPP Act, 2013.

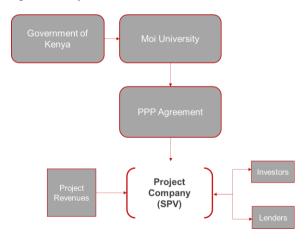
It is envisaged that the project's capital costs will be financed by the Project Company through a mix of shareholder equity and long-term debt financing.

The primary revenue source for the project will be revenues generated from the hostels, as well as any ancillary facilities.

The institution will retain the responsibility for the collection of rentals from students. Further information on likely student rental affordability limits will be provided to shortlisted bidders. The institution will also consider providing a minimum revenue payment to the private party.

The figure below provides a simplified illustrative schematic of the anticipated project structure.

Figure 12: Project Structure



To enhance the commercial viability of the project, the Government is currently exploring potential financial support to be provided to the project, either through an initial capital injection and/or an annual unitary payment. Where a unitary payment approach is adopted, the payment mechanism will be based on indexed periodic payments from the Contracting Authority over the concession period. Such payments will be contingent on the availability of the contracted service, at agreed upon standards.

The table below provides an indication of the intended allocation of the main responsibilities and risks associated with the PPP scheme.

Table 1: PPP Scheme Risks and Responsibilities

Risk category	Project Company	Contracting Authority
Design	✓	
Land Availability		✓
Construction	✓	
Operations & Maintenance	✓	
Demand		✓
Financing	✓	
Performance	✓	
Exchange rate risk	✓	
Inflation risk		✓
Interest rate risk	√	
Force majeure risk	√	√
Political risk		✓



Further details on the project's scope, structure and risk allocations will be provided in the Request for Proposals and draft PPP Project Agreement which will be provided to Prequalified Bidders.

DISCLAIMER

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