

APPENDIX III**REPORT OF THE CONSULTING SERVICE PROJECT DEVELOPED IN AFRICA**

Title of the consulting service to be provided in Africa:
Conduct of feasibility studies for the construction of students' hostels for Kumasi Technical University.

Country: **Ghana**

Scope: National

Regional

Local

Sector or industry in which the consulting service will be provided

- **Infrastructure.**
- Zoning regulation.
- Tourism.
- **Engineering and professional services (engineering, architecture, renewable energies and water treatment, waste treatment).**
- Information and Communication Technologies (ICTs).
- Agricultural sector, industry and trade.
- Health and training.
- Marine-maritime sector.
- Transportation and logistics.
- Any other sector or industry of priority for the partners of the project in which the Canary Islands may have a highly specialised Know-How and that may generate opportunities for the companies of the Canary Islands.

Introduction of the Body/Institution

Kumasi Technical University (KsTU) is one of the premiere Universities located in Kumasi, Ghana. It is a public University established by law enacted by the Parliament of the Republic of Ghana. This Law that establishes the University and mandates it to enter into international collaboration and projects such as this one, for which this application is being submitted, is the **Technical Universities Act, 2016, (Act 922)**. Copy of relevant sections of this law is attached to this application. The public status of Kumasi Technical University differentiates its tax requirements from private organizations, who are by law required to have tax certificates before operating as business. Therefore, the tax certificate is regarded as non-applicable to Kumasi Technical University.

It has a current student population of Eleven Thousand, Eight Hundred and Eighty-seven

(11,887) and has five (5) hostels for students' accommodation. These Hostels are able to accommodate less than 1,200 students, leaving the remaining over 10,000 students to scan for private accommodation outside the University protected campuses. The mission of KsTU is to provide quality teaching, learning and research in engineering, science, technology and entrepreneurship to promote Industrial development in Ghana. However, one of the critical challenges facing the University in pursuing this vision, is lack of adequate accommodation for students of the University

In the University's bid to reduce this challenge and to provide a suitable and secure environment for student accommodation, a land that has been duly acquired at Asokwa, located about 2km away from the University's main campus, is to be used for the construction of one of the hostels. There are two other lands available on the University's 'Asem' campus (main campus), and 'Adako Jackie' campus (second campus), that have been earmarked for construction of students' hostels.

Identification of the consulting service required in the sector or industry mentioned above, as well as the framework of the development policies related to such project

The University intends to adopt the Public-Private-Partnership (PPP) approach to finance the construction of these hostels. However, the primary requirement for obtaining government's approval to use PPP financing approach for infrastructure projects in Public Institutions, such as Kumasi Technical University, is to prepare pre-feasibility and feasibility reports to determine the viability of the proposed projects' financing approach. The University has considerable human resource capacity to perform part of the pre-feasibility and feasibility studies but lack funding to undertake the entire consultancy task.

The Consultancy service includes assessing:

1. Technical and Engineering Feasibility
2. Environmental and Social Feasibility
3. Financial and Economic Feasibility
4. Legal and Administrative Feasibility

Specific contents of the study or technical assistance to be conducted

Specifically, the study include:

1. Geotechnical tests to ensure soil capability for construction purposes.
2. Preparation of architectural and engineering designs and drawings suitable for all the three hostels.
3. Conduct market survey to obtain data on rentals collected from private hostel operators, hospitality facilities within the project sites vicinity, and sister Universities within the Kumasi Metropolis

4. Perform financial and economic analyses to forecast annual cash inflows and outflows for determination of the viability and profitability of the project.
 5. Present an environmental and social impact assessment report
- Prepare pre-feasibility and feasibility reports and provide technical explanation to defend the report before approving authorities where necessary.

Reference to the availability of funding for the subsequent implementation of the actions contained in the feasibility study

The proposed funding for the above project is Private Financing. Private financiers have approached Kumasi Technical University to express interest in financing the hostels project through PPP. The barrier preventing the project from being financed is lack of approval from the Ministry of Finance, the governmental body entrusted with the authority to approve PPP financing scheme for such projects initiated by public Universities. The approval hinges on satisfactory conduct of these pre-feasibility and feasibility studies. Thus, the successful completion of the pre-feasibility and feasibility studies and approval of submission of reports thereof guarantees the solicitation of private financing for the project.

Potential opportunities for the companies of the Canary Islands that may result in the subsequent performance of activities considered in the project for which the consulting service is provided

The PPP option of financing the project and running it on 'Build, Operate and Transfer' (BOT) basis is open to both national and international communities to bid. This provides opportunities for Canary Islands companies that may be interested in participating in the project as the private financier, constructor and operator of the hostel facility(ies) for a determined concessionary period, to bid for the projects. The opportunity of Canary Islands companies participating in the subsequent performance of the project activities as sub-contractors or suppliers, is also available.

Strategies for the development of the sector/industry and the businesses of the country, the region or the municipality submitting the application

The strategies of Kumasi Technical University for developing and expanding the Institution are:

1. To enhance inclusive and equitable access to and participation to quality education at all levels
2. To satisfy Medium Term Development Planning Framework (MTDPF) policy objective [1], which is to enhance inclusive and equitable access to and participation in quality education at all levels.
3. To increase accessibility to all students including international students, who desire to have world-class education in Science, Engineering, Technology and Entrepreneurship.

Specify in detail to which extent the service requested is novel

Kumasi Technical University has not performed pre-feasibility and feasibility studies towards the implementation of such student's hostel project. This is one of the first kinds of projects in the Education

sector in Ghana which seeks to adopt the PPP financing arrangement. After the enactment of the Public Private Partnership Act, 2020 (Act 1039), no Public University in Ghana has been seen to have successfully conducted pre-feasibility and feasibility studies for students' hostel projects towards obtaining approval from the Ministry of Finance for the use of PPP scheme to finance such student's hostel projects.

Identify the Sustainable Development Goals (SDGs) that the proposal is aligned with

The objectives of the students' hostel project, which is the ultimate goal of conducting this consultancy services, align with the following Sustainable Development Goals (SDGs):

SDG GOAL 4: Ensure inclusive and equitable quality education and promote lifelong opportunities for all.

SDG GOAL 5: Achieve gender equality and empower all women and girls.

SDG GOAL 10: Reduce inequality within and among countries.

SDG GOAL 11: Make cities and human settlement inclusive safe, resilient and sustainable