



MEMORANDUM OF UNDERSTANDING

BETWEEN

UGANDA MARTRYS UNIVERSITY (UMU), the host of the *African Centre of Excellence in Agro-Ecology and Livelihood Systems (ACALISE)*

AND

**BUILT ENVIROTEC LIMITED,
(PARTNER)**

10th JULY, 2019

This Memorandum of Understanding (hereinafter referred to as "MOU") is made this...10thday ofJuly...2019

BETWEEN

Uganda Martyrs University (hereinafter referred to as "UMU"), a faith-based not-for-profit private University, owned by the Uganda Episcopal Conference and whose official postal address is P. O. Box 5498, Kampala, Uganda. UMU is the host to the World Bank/Government of Uganda-sponsored *African Centre of Excellence in Agroecology and Livelihood Systems* (hereinafter referred to as "ACALISE") under the Eastern and Southern Africa Higher Education Centres of Excellence Project (hereinafter referred to as "ACE II") whose overall Project Development Objective (hereinafter referred to as "PDO") is *to strengthen the capacities of Universities to deliver high quality training and build collaborative research capacity in regional priority areas,*

AND

BUILT ENVIROTEC LIMITED,(Partner)(hereinafter referred to as "**Partner**"),An Environment engineering Company which has developed and implemented Infrastructure projects using engineering feasibility study, planning, and design accompanied by in-house socio-economic and environmental related issues and studies. Built Envirotec Limited has been able to design very simple but effective solutions to water and sanitation such as protected wells / springs and community water borne toilets for peri-urban centres based on community appraisal techniques to determine levels of appropriate and affordable technologies as well as community management of the facility to ensure O&M costs are recovered through user charges. A variety of technologies for service delivery were developed ranging from simple protected wells and springs to shallow and deep water wells fitted with hand and powered pumps, roof water harvesting and infiltration galleries.

BUILT ENVIROTEC LIMITED has Monitoring, Measurement and Analysis Procedures to measure and monitor the key performance of activities that have significant impacts on the Environment. Built Envirotec has conducted environmental audit studies on behalf of the Government since 2014 for big parastatals, prior to Government's divesture. Built Envirotec has now developed an environmental checklist for the local governments' use in development planning under funding by the IDA.

Built Envirotec's postal address is P. O. Box 26468, Kampala Uganda.

Now this MoU witnesseth as follows:

Article 1: Goals of the Collaboration

- 1.1 To work together as partners for the achievement of the overall PDO for the ACE II Project and ensure timely production of the desired results at ACALISE.
- 1.2 To undertake mutual activities and programmes aimed at ensuring timely realization of the following interventions at ACALISE:
 - 1.2.1 Training of the all-round scientist who is not only academically excellent but also ethically sound and morally mindful of both his/her needs and the needs of others and of the environment.
 - 1.2.2 Popularization of sustainable and climate smart agricultural systems like Agro-ecology and food value chains
 - 1.2.3 Promotion of mutual collaborations with research institutions, academic institutions, Government agencies, industry and the Private sector, for sustainable development
 - 1.2.4 Fostering Public-Private partnerships for research, internship, and value addition
 - 1.2.5 Establishment of demonstration farms to provide hands on skills to the communities on the relevant better technologies, techniques, and practices to improve production and productivity.

- 1.2.6 Reviewing and upgrading Curricula for relevant training and research outputs in line with National and Regional strategic plans for development.
- 1.2.7 Promotion of the up-grading of research and training infrastructure like laboratories, Video-Conferencing facilities, value addition enterprises
- 1.2.8 Capacity building for Faculty of Agriculture at UMU and at partner institutions
- 1.2.9 Improvement of visibility and ranking of the host in order to attract more partnerships, more funding, more experts, and more students for the sustainability of the ACE beyond the five-year timeframe.
- 1.2.10 Enhance the adoption of research outcomes through outreach programmes in the host and partner institutions

Article 2: Specific Activities to be undertaken by the Partner

- i. All activities to be undertaken by the partner will be detailed in a separate Letter of Engagement, jointly developed by the parties which will be an integral part of this MoU.
- ii. The Letter of Engagement will provide an outline of all activities, targets to be achieved and guiding rules/regulations
- iii. The Letter of Engagement will stipulate the financial requirements and related conditions for the activities to be undertaken and the timeframe within which to deliver the results.

Article 3: Duration of the MoU

This MOU will be valid for a period of three (3) years from10th/July 2019 to date....10th July/..... 2021. Any further extension beyond the ACALISE project period will be agreed upon by the parties.

Article 4: Autonomy Clause:

UMU and BUILT ENVIROTEC LIMITED agree that each of the parties retains their full autonomy for the day-to-day running in accordance to their respective policies, rules, and regulations, without anything being imposed by either party onto the other provided that results are delivered on time in line with the goals in Article 1.

Article 5: Copyright and patenting

The partner hereby consents that UMU patents all programmes and activities carried out by the partner for ACALISE, In the achievement of the goals stipulated in Article 1. No report, part of it, result, or anything else related to the same, shall be sold, disseminated, withheld, or advertised, without written consent from UMU.

Article 6: Dispute Management

- 6.1 The parties shall endeavor to resolve all disputes amicably, as the first and main resort.
- 6.2 In the event of failure to resolve disputes amicably and where the delay to resolve the dispute(s) negatively affect(s) the timely achievement of the goals in Article 1, the MoU shall automatically be terminated.
- 6.3 As a last resort, Courts of Law shall be engaged, particularly in the event of possible abuse of project funds or failure to provide proper and timely financial accountabilities for monies obtained from UMU.
- 6.4 In case of dispute resolution between partners the Uganda courts of law shall be the competent courts of arbitration.



Article 7: Termination

Inadequate performance and inappropriate financial management shall be the main cause for the termination of MoU, and hence, of the collaboration. Inadequate performance is defined as failure to achieve, in a TIMELY MANNER, the mutually agreed upon targets or comply with any other commitments agreed upon in the contract.

Article 8: Article Force Majeure

In case of circumstances beyond the control of any of the parties, either of the parties shall not be held liable.

IN WITNESS WHEREOF, the parties affix their respective hands and signatures on this MoU on the date aforementioned:

On behalf of

Uganda Martyrs University

Head of the Institution

Mawirige

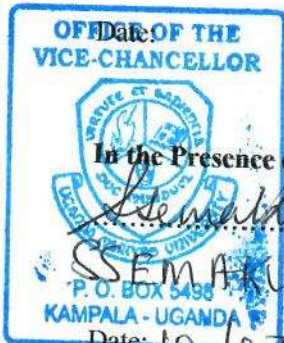
On behalf of

Built Envirotec Limited

Technical Director

Amanya Gilbert

Date: *10/07/2019*



In the Presence of

Ssemakula Joseph
SEMAKULA JOSEPH

Date: *10/07/2019*

In the Presence of

David Rweyora

Date: *10/07/2019*



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AFRICAN CENTRE OF EXCELLENCE IN AGRO-ECOLOGY AND LIVELIHOOD SYSTEMS (ACALISE) ENVIRONMENTAL AND SOCIAL MONITORING PROGRAM WORKPLAN FOR TWO (2) YEARS (10th July 2019 – 10th July 2021)

DETAILED WORKPLAN AND BUDGET

S/N.	Activity	Impacts to Monitor	Frequency of monitoring	Monitoring Tools	Monitoring Personnel	Budget (\$)
1	Air Pollution Monitoring	Dust Pollution	Monthly (Jul 2019 – Sept 2019)	Dust meter	Pollution Specialist (Built Envirotec Ltd)	10000
2	Analyzing Health and Safety interventions	Occupational Health and Safety Hazards	Weekly (Oct 2019 – Dec 2019)	Inspection Checklist	Occupational Health and Safety Officer (ACALISE/UMU)	2000
3	Noise pollution monitoring	Noise Pollution	Monthly (Jan 2020 – Feb 2020)	Noise meter	Occupational Health and Safety Officer (ACALISE/UMU)	10000
4	Monitoring environmental solid waste management	Solid Waste Generation	Weekly (Mar 2020 – Sept 2020)	Waste management records	Waste Management Specialist (Built Envirotec Ltd)	4000
4	Monitoring environmental water waste management	Wastewater Generation	Weekly (Oct 2020 – Apr 2021)	Inspection Checklist (Survey)	Wastewater management specialist (Built Envirotec Ltd)	4000
5	Carryout fire risk analysis	Risk of Fire	Annually (Jul 2019 – Jul 2021)	Inspection Checklist (Survey)	Fire Safety Officer (ACALISE/UMU)	6000
6	Investigating social economic disruptions	Socio-economic disruptions	Monthly (Jan 2021 – Jun 2021)	Socio-economic management records	Sociologist (Built Envirotec Ltd)	5000
6	Monitoring safety of construction sites	Structural Integrity and Building Safety	Monthly (Jul 2020 – Sept 2020)	Checklist	Structural Engineer and Building Surveyor (Built Envirotec Ltd)	3000
7	Monitoring consumption of resources in the environment	Resources Consumption	Monthly (Mar 2021 – July 2021)	Consumptions records	Environmental Officer (Built Envirotec Ltd)	3000
8	Monitoring security areas and concerns	Security	Monthly (Jul 2019 – Jul 2021)	Security Reports	Security Specialist (ACALISE/UMU)	2000
					TOTAL	49000