

# **Call for Proposal:**

**Design of Biotechnology Shared  
Laboratory Facility in Kigali**



## Background

UVU Bio, a specialised biotech incubator dedicated to promoting synergy among science, business, and investment in Africa, is delighted to invite proficient architects to engage in a distinctive prospect. We are actively seeking imaginative concepts for the layout of our forthcoming collaborative laboratory establishment, situated in the dynamic city of Kigali, Rwanda. Kindly note that the design should be based on the attached floor plan provided for reference.

## Vision

UVU Bio envisions a cutting-edge laboratory facility that will serve as a hub of excellence for biotechnology entrepreneurs, researchers, and innovators. This facility will house state-of-the-art laboratories catering to microbiology, tissue culture, analytical chemistry teaching, bioprocess, and Agri processing, fostering advancements in multiple fields.

## Scope of Work

We invite a design team with a passion for pushing boundaries to deliver a design that seamlessly blends functionality, sustainability, and aesthetic appeal. The selected team will play a pivotal role in shaping an environment that nurtures innovation and collaboration within the biotech community, and would be required to provide:

- Initial site assessment and stakeholder interviews.
- Architectural design that optimizes space, flexibility, and technology integration.
- Engineering assessments, including structural, electrical, HVAC, and plumbing considerations.
- Legal considerations pertaining to Rwandan building and environmental codes.
- Deliverables: Architectural and engineering drawings, 3D renderings, project report, timeline, and budget.
- Space planning and appropriate laboratory set-up for the lab users, prep rooms, storerooms office space, walk-in incubator rooms etc., which will include re-design of the existing structure and repurposing of existing materials. The service provider will be required to consider all elements of Occupational Health and Safety.
- A specification for implementation of the proposed design, implementation plan and estimated total cost and duration of the project which should take no longer than 6 months to complete upon appointment.
- Power & data layouts, sufficient for coordination with the electrical engineer.
- Piping layout, sufficient for coordination with engineer
- Door, window, and Shopfront schedules
- Services coordination of the various consultants
- Joinery, including amended benching layouts
- Project Management and Principal Agent oversight.

# Suitability Assessment

An assessment of bidder suitability will be based on the evaluation criteria noted in Table 1. Each of the evaluation criteria in Table 1 carries a weighting as indicated, and the bidder is required to score a minimum of 75% to qualify.

**Table 1. Criteria and weighting**

Criteria	Details	Weight
<p><b>1. Company Experience</b> Bidder must submit their company profile that indicates the number of years in which they have been rendering services in laboratory design/redesign. The profile must indicate the years the company started in space planning and design.</p>	<p>Demonstrate with company profile experience that indicates the number of years during which the service has been rendered.</p> <ol style="list-style-type: none"> <li>1. 8 or more years =20</li> <li>2. 5-7 years = 10</li> <li>3. 1-4 years = 5</li> <li>4. No experience = 0</li> </ol>	15%
<p><b>2. Track record (Projects and Trade reference Letter).</b> Submit a list of at least 4 historic projects completed, which includes:</p> <ul style="list-style-type: none"> <li>· Project description</li> <li>· Project value</li> <li>· Contactable reference.</li> </ul> <p>Re-design of laboratory space.</p> <ul style="list-style-type: none"> <li>· Re-use and recycling of existing furniture where required.</li> </ul> <p>The list of historic projects must be accompanied by two or more satisfactory references from clients listed.</p>	<p>Reference letters from previous clients relating to projects completed.</p> <ol style="list-style-type: none"> <li>1. 4 or more projects with accompanying reference letters = 20</li> <li>2. 2 – 3 projects with accompanying reference letters = 10</li> <li>3. 1 – 2 projects with accompanying reference letters = 5</li> <li>4. No project no reference letters = 0</li> </ol>	35%

<p><b>3. Design proposal</b> The bidder must provide appropriate design proposal(s).</p>	<p>Exceeds UVU Bio’s expectations, visually, is practical and represents UVU Bio’s vision for the Kigali laboratory. The design should provide a real-life experience. The design should present efficient laboratory workflow and adhere to OHS requirements for laboratories.</p> <p>Exceeds expectations = 20</p> <p>Meets UVU Bio’s expectations, visually, is practical, and represents UVU Bio’s vision. The design should provide a real-life experience. The design should present efficient laboratory workflow and adhere to OHS requirements for laboratories.</p> <p>Meets expectations = 15</p> <p>Does not meet expectations = 0</p>	<p>35%</p>
<p><b>4. Project management</b> The service provider must provide a Project Plan and Implementation plan, which outlines the company’s project planning systems and quality control systems.</p>	<ul style="list-style-type: none"> <li>• The proposed project and implementation plan, methodology and quality control processes exceed expectations and are well articulated with clear, realistic timelines = 20</li> <li>• Detailed project planning systems and quality control systems of acceptable quality have been submitted with realistic timelines = 10</li> <li>• No planning systems or quality control systems submitted = 0</li> </ul>	<p>20%</p>



# Key Evaluation Criteria:

Proposals will be evaluated on the basis of the following criteria:



## Enquiries

All technical enquiries should be sent in writing to the specified people below:

**Contact person:** Dr. Anesu Conrad Moyo  
**Designation:** UVU Bio South Africa Laboratory Manager  
**E-mail:** anesu@uvubio.com

**Contact person:** Dheepak Maharajh  
**Designation:** UVU Bio Executive Head  
**E-mail:** dheepak@uvubio.com

## Submission Guidelines

All submissions should be made via email to [procurement@uvubio.com](mailto:procurement@uvubio.com).  
SUBJECT: Kigali Laboratory Redesign (UVUBio2023).

The closing date for the submission is two weeks from the date of publishing. No late submissions will be considered. Submissions made by other means other than the one specified will be disqualified and will not be considered for evaluation. It is the bidder's responsibility to ensure that the bid is sent to the correct address.

The information contained in this Request for Quotation is confidential and is the property of UVU Bio.

## Opportunity Awaits

The chosen architect will have the honour of partnering with UVU Bio to bring this ambitious vision to life. The successful candidate will enter into a contractual agreement with UVU Bio, outlining their commitment to providing detailed design drawings, specifications, accurate cost estimates, and diligent construction supervision services.

Join us in shaping the future of biotech innovation in Africa. We eagerly await your visionary proposals.



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[www.uvubio.com](http://www.uvubio.com)