Business Proposal: LabWhiz Mobile Testing Laboratory

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## **Executive Summary**

LabWhiz is known to provide cost-efficient, highly innovative, quality medical laboratory services. LabWhiz is bringing a Mobile Testing Laboratory to your door, delivering the most accurate testing results in a minimum time frame and low cost. For instance, in the pandemic of COVID-19 we are experiencing, having a mobile testing lab is crucial in the testing phase and vaccination phase by reaching out to people with none to limited transportation, school, work offices. Mobile Testing Laboratory can be advantageous for research and educational purpose. Our vision provides services to all age populations and gives a trusted and safe environment for all at multiple locations. The project timeframe from production to launch would be approximately 7months (May 2021 – December 2021), the start-up cost would be \$305,000. This proposal seeks to execute and assemble funding and look for sponsors and grants. By providing us with the support, we can accomplish our mission of providing superior, accurate, and timely laboratory testing results with technical expertise and compassionate customer service.

### Introduction

LabWhiz corporation was founded by the partnership between the biotech leaders and business experts to improve accessibility and accurate testing at your home's comfort. Our mission is to provide superior, accurate, and timely laboratory testing results in an environment that promotes technical expertise and compassionate customer service. LabWhiz is a costefficient laboratory providing highly innovative and quality medical laboratory services impacting lives.

In the times like the pandemic, medicine has changed, such as telemedicine, patient care is managed over the phone or video at our home's comfort. Then why not the medical testing ordered by your physician can be done in your home at the time you want? Hence, we bring a Mobile testing lab that can come to the location you want, which will minimize the infection of any contagious disease and giving a safer option to patient care. "One of the main advantages of a mobile laboratory is its portability—a mobile lab can be transported miles away from its home base, meaning that it can serve a broader clientele or access a wider range of research materials. Mobile labs also offer a sense of community outreach by bringing their services directly to those in need." (Didonna, 2020, para.1). A mobile lab's advantages are not limited to just testing but can also be used for research in any disease outbreaks and its treatment. In collaboration with several researchers and public health officials who work in areas prone to infectious disease outbreaks, knowledge and skills have been created. In remote areas, mobile labs can also be used to evaluate new vaccines and therapeutics. Clinical mobile laboratories will have comparable testing capacities to disease response mobile labs but will also have different point-of-care tools that will be run in accordance with GCP (Good Clinical Practice) guidelines.

### **Needs and Problems**

The accessibility to testing labs has increased dramatically in the last decade due to outbreaks of diseases. Hence, having easy access to testing is crucial in these outbreaks but not limited to just outbreaks or pandemics for research and education purposes. These mobile testing labs are designed with special equipment for several tests and differential diagnostic, keeping it safe by following the biosafety guidelines. Mobile testing labs bring the services directly to someone in need and also give a community outreach. "Their value lies primarily in their mobility, their ability to be flexibly deployed and customized to fit the evolving needs of populations and health systems, and their ability to link clinical and community settings" (Aung et al., 2015, para.1)

Recent pandemic and spread of COVID-19, the necessity of testing increased. According to Didonna, so as the novel coronavirus continues to propagate, the need for fast, accurate COVID-19 testing has become critical as workers return to work. The mobile biosafety laboratories, which are made up of two Germfree modules, can be quickly distributed to locations where COVID-19 testing is required. There are various challenges associated with the layout and operation of a mobile laboratory in an outbreak, including choosing the required assay and required equipment for a particular circumstance, constructing the necessary infrastructure, and coping with the numerous logistical challenges to be addressed in order to arrive at your destination and maintain operations over the period. Sufficiently large volume (e.g.,>200 samples a day requiring differential diagnostic), the possibility of local population aversion and security risks are all additional challenges.

#### **Goals/Objective**

• Goal1- Provide a walk-in testing lab and preventative testing at a low cost.

Objective: The aim is to make a testing lab accessible to people of all ages across every area. Key benefit: elderly patients with limited-no transportation who need a frequent test or preventive required can have easy access to the testing labs, companies who need quick testing for the employee at office location, schools, and college needing to get testing done by getting the mobile testing lab at the school location.

• Goal 2- facilitate research and experiment

Objective: opening large widow for on-site testing and research.

Key benefit- researchers with a limited time frame for testing and observation can travel onsite, increasing the research study's productivity and quality.

• Goal 3- Provide hands-on education or knowledge

Objective: supply access to science equipment that can be difficult to maintain and acquire. Key benefit- children from the urban and rural areas can have access to learning opportunities. Give the unique approach to learning science and the application of STEM education.

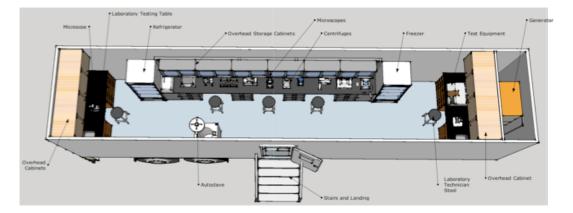
# **Procedure/Scope**

The first step to executing our project is to develop a funding plan, look for sponsors, grants, and fundraising.

The second step would be building, buying, and customizing the vehicle into the required medical testing lab. How the mobile laboratory's architecture was influenced by working conditions and the form, weight, and power requirements of the equipment. According to Mobile Healthcare Facilities LLC. The layout of these 40' (12M) and 53' (16M) straight-sided laboratory can be set up and fully operational to support the hospital, within forty (40) minutes after arrival, by four (4) personnel. The primary setup time is preparing the testing equipment and staff for

## LABWHIZ MOBILE TESTING LABORATORY

their work shifts. These facilities can be set up in sixty (60) minutes or less by staff as little as four (4) people.



The third step would be hiring the team that can provide and perform testing. We would be hiring Lab technicians, pathologists, physicians, and Drivers. We will be expanding our team by opening the door for volunteers and students to provide care.

Finally, we will be working on our policies, protocols, hours of operation, and building the right environment and equipment according to requirements.

# Timetable

	Description of Work	Start and End Dates
Phase One	Applying funding and sponsorships	Start- May 1, 2021
		End- May 31, 2021
Phase Two	Building designing and customizing the	Start- June 1, 2021
	mobile lab, finding right testing equipment	End -September 30, 2021
Phase Three	Marketing	Start- October 1, 2021
		End- October 31. 2021
Phase Four	Recruiting and training Team	Start- October 15, 2021
		End – December 1, 2021

	Description of Work	Start and End Dates
Phase One	Mobile Testing lab vehicle construction	\$180,000
Phase Two	Recruiting and training	\$120,000
Phase Three	Marketing	\$5000
	Total	\$ 305,000

### **Budget**

# **Key Personnel**

Client	Patients, Employers, student and Researcher	
Sponsor	Germfree Laboratories Inc.	
	HRSA (Health Resources & Services Administration)	
Project manager	Vidhi Patel	
Team	Physician, Pathologist, Lab Technician, Driver, Manager	

#### **Evaluation**

Our project can eliminate barriers in access and improve care delivery by promoting preventive testing right at your door. We will be targeting the most affected area with the outbreak to get maximum testing done. We will also introduce ourselves in the system with the nursing home to get doctor-recommended tests. We will be targeting the most affected area with the outbreak to get maximum testing done. We will also introduce ourselves in the system with the outbreak to get maximum testing done. We will also introduce ourselves in the system with the outbreak to get maximum testing done. We will also introduce ourselves in the system with the nursing home to get doctor-recommended tests. We will also be using the quality Check-up tool to determine the care quality every four months and make needed changes to improve the quality and outcome. In the United States, an estimated 2000 vehicles offer between 5 and 6 million visits annually; however, despite this development, mobile health clinics remain an underutilized resource that can change the way health services are delivered, especially in underserved areas.

#### Endorsements

• Germfree Laboratories

Four Sunshine Blvd, Ormond Beach, FL 32174

https://www.germfree.com

• HRSA (Health Resources & Services Administration)

5600 Fishers Lane, Rockville, MD 20857

https://www.hrsa.gov

### Next step

- Sample selection and ensuring the safety and security of its staff may be an issue for mobile laboratories. The protection and safety can be improved if the protocol is followed.
- To ensure the most out of the mobile testing lab's resources, it's crucial to establish community confidence and trust.

# Conclusion

Our firm, LabWhiz, has also attempted to provide high-quality testing results at a low cost. Via mobile testing laboratories, we will continue to flourish and work to provide fast yet high-quality results on the go and at any required location. The mobile testing facility will not only have medical tests, but also superior research and educational labs for students in the surrounding schools and colleges. With financial support we would be a step closer to achieving our goal of providing superior, reliable, and timely laboratory testing results in an atmosphere that encourages scientific excellence and caring customer care with cost efficient. And our goal of delivering the best support to those in need in all fields.

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