

**Plasponics Inc.**

**P.O. Box 15**

**Leamington, Ontario N8H 3W1**

04 April 2022

**MEMORANDUM LETTER OF SUPPORT (LOS)**

**FROM:** Plasponics Inc.

**SUBJECT:** Plasponics Inc. interest in Green Filterless Air Purification and Remediation Solution for Phase II

Plasponics Inc. is interested in working with Clean Air Zone on a project considered for Air Force SBIR Phase II funding award.

All indoor greenhouses/Controlled Environment Agriculture (CEA) struggle to control outbreaks of undesirable biological species in the form of fungus, molds, and insects. The environment that helps plants thrive also creates an environment ripe for the propagation of these undesirable species.

Comprehensive IPMS (Integrated Pest Management Systems) are essential. It doesn't take long for an isolated outbreak to infest and devastate a crop leading to huge financial losses and a problematic remediation problem before growing can resume.


One of the primary ways these biologicals rapidly spread is via the air. Spores, eggs, and viruses rapidly transmit via airborne convection and airflow. Pollution in the form of gases can also build up creating a harmful environment for plant growth.

1. Plasponics Inc. supports a potential AFWERX/AFVentures Phase II Competitive Performance project with Clean Air Zone in mitigating isolated outbreaks of infestation in the form of fungus, molds, and insects. The mission impact of this project on Plasponics Inc. and the Air Force will be the superior ability to controlling spread and transmission by capturing these directly from the air and digesting these undesirables at the source, biologics, particulates, and gases. CAZ system is modular, mobile, and scalable to the space and sources of the transmission.

If an AFVentures/AFWERX SBIR Phase II is awarded for this topic AF212-CSO1, Plasponics Inc. will have interest support for a Phase II in reviewing the progress and updates of the project for commercialization and use of the CAZ system.

It is also understood that the signer / stakeholders of this support letter are under no contractual obligation.

2. We appreciate your efforts and look forward to continued updates and information on this project. My POC for this action is Ester Mastronardi, President from Leamington, Ontario Canada.



Plasponics Inc. (519) 791-2402

Ester Mastronardi - President