

**Firm name: Bubbles & Café Inc.**

**Project title: Leveraging Spintronics, Spin-Based Quantum Sensors, and Optimization of Fluid Dynamics for Enhanced Nanocrystal Growth in Microgravity.**

To:

NASA SBIR Ignite Program Team

From:

Ilakkuvaselvi Manoharan

CEO, Bubbles & Café Inc.

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Aurora IL 60504

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Email: Ilakk2023@gmail.com

Subject: Letter of Commitment for Matching Funding for Future Phase II-E Application

Dear NASA SBIR Program Team,

I hope this letter finds you well. I am writing to express our enthusiastic commitment to providing matching funding for the future Phase II-E application of the project proposal titled "Leveraging Spintronics, Spin-Based Quantum Sensors, and Optimization of Fluid Dynamics for Enhanced Nanocrystal Growth in Microgravity." This proposal, which we have submitted to the NASA SBIR Ignite program, holds immense promise for advancing nanomaterials synthesis and its applications in space exploration and beyond.

As the CEO of Bubbles & Café Inc, I deeply believe in and look forward to working on the innovative approach outlined in the project proposal. The fusion of spintronics, spin-based quantum sensors, and fluid dynamics optimization in a microgravity environment represents a unique and groundbreaking endeavor. It is our belief that this project has the potential to revolutionize the field of nanocrystal synthesis and unlock new opportunities in materials science.

We understand the critical importance of Phase II-E funding for transitioning promising technologies from the laboratory to commercialization. Therefore, we are committed to providing matching funding to support the successful execution of the future Phase II-E activities related to this project.

The potential outcomes of this project, including precise control over nanocrystal properties and their applications in various high-tech industries, align with our company's mission to invest in innovative solutions and drive economic growth through cutting-edge technologies.

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We want to express our sincere gratitude to NASA SBIR Ignite for providing a platform for projects that push the boundaries of innovation. We are excited about the possibilities this collaboration presents and look forward to contributing to the success of this transformative endeavor.

Please consider this letter as an official commitment from Bubbles & Café Inc to provide matching funding for the Phase II-E activities of the project proposal after the successful completion of Phase II of the project. This funding could be secured from angel investors, venture capitalists or partnerships. We are fully dedicated to supporting the realization of the project's objectives and the broader goals of advancing space exploration and materials science.

Should you require any further information or wish to discuss the details of our commitment, please do not hesitate to contact me directly at [ilakk2023@gmail.com](mailto:ilakk2023@gmail.com).

Thank you for your attention and consideration.

Sincerely,

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Ilakkuvaselvi Manoharan  
CEO, Bubbles & Café Inc.

Date: Sep 19, 2023