July 18, 2019 TSX-V: GGG, OTCQB: GPHBF

Graphene 3D Lab developing high-performance Graphene Composites ahead of schedule for Marine Vessels Research Project

July 18, 2019 – Ronkonkoma, NY – Graphene 3D Lab Inc. (TSXV: GGG, OTCQB: GPHBF) ("Graphene 3D" or the "Company") is pleased to report on the R&D progress the Company has made pertaining to the recently announced (see press release June 4, 2019) agreement (the "Project") with a private Singaporean company ("Partner") to develop graphene-based composite materials for marine vessel applications.

The Company has already passed an important milestone, completing 50% of the Project's set deliverables and has received the corresponding SGD$64,900 payment for its successful work during the first phases of the Agreement. The advanced graphene-enhanced material developed by the Company exhibits outstanding performance. In addition to the improved strength of the resin, the graphene-enhanced epoxy shows a 14-fold improvement of the fracture toughness, and 20% less water absorption, making the service life of the new material longer than previously used formulations.

"We are really pleased with our progress thus far and are proud to be executing ahead of schedule with excellent performance metrics for the new material we have developed," said Daniel Stolyarov, CEO of Graphene 3D.

"The second half of this project will be dedicated to shaping our formulation and converting it into a value added solution with clearly defined application uses for our customer," Stolyarov added. "We are positioning the Company and leveraging our R&D strengths with the aim of securing major partnerships within large established industries that continue to grow and evolve."

The market for marine composites was an estimated US$3.64B in 2017 and is expected to grow with a CAGR of 5.6% per annum and reach more than an estimated US$5.0B by 2023.[1] Market growth is believed to be driven by the increasing demand for lighter and faster marine vessels with improved fuel efficiency. The Company believes that offering graphene-enhanced formulations with significantly improved performance for marine composites will allow the Company to aggressively enter this market.

So far, GL has received a payment of SGD$97,900 from its Partner. The Company expects to receive a total of SGD$161,400 upon completion of the Project. The term of the agreement is set for two years, but the Company anticipates finalizing this Project faster, as evidenced by the Company's progress to-date.

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[1] MarketsandMarkets.com: Marine Composites Report, Global Forecast to 2023 – published September 2018

About Graphene 3D Lab, Inc.

Graphene 3D Lab, Inc. is capitalizing on groundbreaking properties of graphene and other advanced materials. The company is offering high-tech solutions in several areas including:

R&D Materials: These diverse materials have a wide spectrum of commercial, research, and military applications. The Company's wholly-owned subsidiary, Graphene Laboratories Inc., currently offers over 100 graphene and related products to a client list comprised of more than 14,000 customers worldwide, including nearly every Fortune 500 tech company and major research university. Some notable clients are: NASA, Ford Motor Co., GE, Apple, Xerox, Samsung, Harvard University, IBM, and Stanford University. The Company's suite of products is available online at the company's e-commerce platform Graphene Supermarket (Graphene-Supermarket.com

3D Printing: The 3D printing division of the Company offers a portfolio of 3D printable filaments. These materials can be purchased through multiple distribution networks worldwide or directly from the web-store BlackMagic3D.com .

High Performance Epoxies: Adhesive materials produced by the company are distributed under G6-Epoxy™ trade name and can be purchased at g6-epoxy.com

The Graphene 3D facility is located in Ronkonkoma, NY and is equipped with material processing and analytical equipment. The company has eight US patent applications pending for its technology. For more information on Graphene 3D Lab Inc., visit www.graphene3dlab.com.

ON BEHALF OF THE BOARD: Daniel Stolyarov, President & Co-CEO

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