



PyroGenesis Announces U.S. Congress Support For the Purchase of Two Aircraft Carriers

MONTREAL, Quebec (GlobeNewswire – October 10th, 2018) - PyroGenesis Canada Inc. (<http://pyrogenesis.com>) (TSX-V: PYR), a TSX Venture 50® high-tech company, (the "Company", the "Corporation" or "PyroGenesis") a Company that designs, develops and manufactures plasma waste-to-energy systems and plasma torch systems, is pleased to announce today that the U.S. Congress has supported the U.S. Navy's strategy for a two-ship (aircraft carrier) buy.

This bill is now being sent to the President of the United States for his signature. The U.S. Navy will still need approval from the Secretary of Defense. This endorsement by Congress appears to be the last legislative hurdle for the purchase to clear.

The proposed dual buy stands to save the U.S. Government between US \$1 billion and US \$2.5 billion, according to U.S. Navy estimates¹.

“This is in line with the President’s platform to “buy more for less”, and is great news for PyroGenesis as we are a proud supplier of a plasma based waste destruction system to the U.S. Navy, having delivered two systems to date,” said Mr. P. Peter Pascali, President and CEO of PyroGenesis. “The original schedule envisioned ordering one aircraft carrier in 2018. Amending this schedule for a two-ship buy required various approvals which caused some minor delays. This can now move very quickly, but realistically we expect this order, if it materializes, in early 2019.”

About PyroGenesis Canada Inc.

PyroGenesis Canada Inc., a TSX Venture 50® high-tech company, is the world leader in the design, development, manufacture and commercialization of advanced plasma processes. PyroGenesis provides technical and manufacturing expertise, cutting-edge contract research, as well as turnkey process equipment packages to the defense, metallurgical, mining, additive manufacturing (3D printing), oil & gas, and environmental industries. With a team of experienced engineers, scientists and technicians working out of our Montreal office and 3,800 m² manufacturing facility, PyroGenesis maintains its competitive advantage by remaining at the forefront of technology development and commercialization. Its core competencies allow PyroGenesis to lead the way in providing innovative plasma torches, plasma waste processes, high-temperature metallurgical processes, and technical services to the global marketplace. Its operations are ISO 9001:2015 certified, and have been ISO certified since 1997. PyroGenesis is a publicly-traded Canadian corporation on the TSX Venture Exchange (Ticker Symbol: PYR) and on the OTCQB Marketplace (Ticker Symbol: PYRNF). For more information, please visit www.pyrogenesis.com.

¹ According to Inside Defense’s article “Spending bill cuts \$329 million from Navy's 'accelerated acquisitions'”, September 17, 2018 <https://insidedefense.com/inside-navy/spending-bill-cuts-329-million-navys-accelerated-acquisitions>

This press release contains certain forward-looking statements, including, without limitation, statements containing the words "may", "plan", "will", "estimate", "continue", "anticipate", "intend", "expect", "in the process" and other similar expressions which constitute "forward-looking information" within the meaning of applicable securities laws. Forward-looking statements reflect the Corporation's current expectation and assumptions, and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated. These forward-looking statements involve risks and uncertainties including, but not limited to, our expectations regarding the acceptance of our products by the market, our strategy to develop new products and enhance the capabilities of existing products, our strategy with respect to research and development, the impact of competitive products and pricing, new product development, and uncertainties related to the regulatory approval process. Such statements reflect the current views of the Corporation with respect to future events and are subject to certain risks and uncertainties and other risks detailed from time-to-time in the Corporation's ongoing filings with the securities regulatory authorities, which filings can be found at www.sedar.com, or at www.otcmarkets.com. Actual results, events, and performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements. The Corporation undertakes no obligation to publicly update or revise any forward-looking statements either as a result of new information, future events or otherwise, except as required by applicable securities laws.

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