

Alpha Pro Tech

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ALPHA PRO TECH, LTD. ANNOUNCES ADDITIONAL \$2 MILLION EXPANSION TO SHARE REPURCHASE PROGRAM

FOR IMMEDIATE RELEASE

Company Contact:

Alpha Pro Tech, Ltd.

Donna Millar

905-479-0654

e-mail: ir@alphaprotech.com

Investor Relations Contact:

Hayden IR

Cameron Donahue

651-653-1854

e-mail: cameron@haydenir.com

Nogales, Arizona – December 20, 2018, Alpha Pro Tech, Ltd. (NYSE American: APT), a leading manufacturer of products designed to protect people, products and environments, including disposable protective apparel and building products, today announced that its Board of Directors has authorized a \$2.0 million expansion of the Company's existing share repurchase program.

With this authorized expansion, the Company now has approximately \$2.7 million available to repurchase shares of the Company's common stock, \$0.7 million of which remains from the previous expansion announced in June 2018.

Management anticipates repurchasing shares through open market purchases or through privately-negotiated transactions and intends to retire all shares purchased through the share repurchase program. Open market purchases may be executed by the Company's broker through a pre-arranged repurchase plan, which operates in accordance with the guidelines specified under Rule 10b5-1 and Rule 10b-18 of the Securities Exchange Act of 1934, as amended. Any transactions under the repurchase plan will be effected in accordance with the terms of the plan, including specified price, volume and timing conditions, and will be applied against the amount authorized for the Company's share repurchase program. Other open market and privately-negotiated purchases may occur from time to time outside the repurchase plan based on market and general business conditions, subject to applicable rules and regulations.

About Alpha Pro Tech, Ltd.

Alpha Pro Tech, Ltd. is the parent company of Alpha Pro Tech, Inc. and Alpha ProTech Engineered Products, Inc. Alpha Pro Tech, Inc. develops, manufactures and markets innovative disposable and limited-use protective apparel products for the industrial, clean room, medical and dental markets. Alpha ProTech Engineered Products, Inc. manufactures and markets a line of construction weatherization products, including building wrap and roof underlayment. The Company has manufacturing facilities in Salt Lake City, Utah; Nogales, Arizona; Valdosta, Georgia; and a joint venture in India. For more information and copies of all news releases and financials, visit Alpha Pro Tech's Website at <http://www.alphaprotech.com>.

Certain statements made in this press release constitute "forward-looking statements" within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include any statement that may predict, forecast, indicate or imply future results, performance or achievements instead of historical facts and may be identified generally by the use of forward-looking terminology and words

such as “expects,” “anticipates,” “estimates,” “believes,” “predicts,” “intends,” “plans,” “potentially,” “may,” “continue,” “should,” “will” and words of similar meaning. Without limiting the generality of the preceding statement, all statements in this press release relating to estimated and projected earnings, margins, costs, expenditures, cash flows, sources of capital, growth rates and future financial and operating results are forward-looking statements. We caution investors that any such forward-looking statements are only estimates based on current information and involve risks and uncertainties that may cause actual results to differ materially from the results contained in the forward-looking statements. We cannot give assurances that any such statements will prove to be correct. Factors that could cause actual results to differ materially from those estimated by us include the risks, uncertainties and assumptions described from time to time in our public releases and reports filed with the Securities and Exchange Commission, including, but not limited to, our most recent Annual Report on Form 10-K. We also caution investors that the forward-looking information described herein represents our outlook only as of this date, and we undertake no obligation to update or revise any forward-looking statements to reflect events or developments after the date of this press release. Given these uncertainties, investors should not place undue reliance on forward-looking statements as a prediction of actual results.