NEWS RELEASE

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For Immediate Release

Princeton Infrared Technologies, Inc. Selected by AFRL For SBIR Phase II Contract to Develop a 2.1 µm wavelength cutoff SWIR APD

• *Phase II contract to focus on the development of a small pitch SLS FPA Multifunction LADAR Receiver*

MONMOUTH JUNCTION, NJ – MARCH 7, 2023 – Princeton Infrared Technologies, Inc. announces it has been selected by AFRL for a SBIR Phase II contract in the amount of $749,907 focused on the development of a small pitch Type 2 Strained Layer Superlattice (T2SLS) Avalanche Photodiode (APD) Focal Plane Array Multifunction LADAR Receiver to investigate its potential to fill capability gaps in the Department of the Air Force (DAF). This imager will be optimized for detection in the extended short wave infrared (SWIR) band, up to 2.1µm. The DAF began offering 'The Open Topic' SBIR/STTR program in 2018 which expanded the range of innovations the DAF funded and now on May 23, 2022, Princeton Infrared Technologies, Inc. will start its journey to create and provide innovative capabilities that will strengthen the national defense of the United States of America.

About Princeton Infrared Technologies, Inc.
Specialists in indium gallium arsenide (InGaAs) imaging technology, Princeton Infrared Technologies, Inc. focuses on design and manufacture of both shortwave infrared cameras, and one- and two-dimensional imaging arrays. All products are created in the company's fabless environment under strict testing and quality control guidelines, providing innovative and cost-effective detectors that image in the visible, near- and shortwave-infrared wavelengths. Application areas include spectroscopy for sorting materials, moisture detection, thermal imaging, night vision, and laser imaging for military, industrial, and commercial markets.

About AFRL
The Air Force Research Laboratory (AFRL) is the primary scientific research and development center for the Department of the Air Force. AFRL plays an integral role in

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leading the discovery, development, and integration of affordable warfighting technologies for our air, space, and cyberspace force. With a workforce of more than 11,000 across nine technology areas and 40 other operations across the globe, AFRL provides a diverse portfolio of science and technology ranging from fundamental to advanced research and technology development. For more information, visit: www.afresearchlab.com.

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