

# FIBERTEK, INC.

AN ADVANCED PHOTONICS COMPANY

13605 DULLES TECHNOLOGY DR  
HERNDON, VA 20171  
703-471-7671

## Director Fiber Lasers

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We are searching for an innovative fiber laser technology leader to advance our high-power pulsed fiber laser technology and grow our fiber laser business portfolio. In this role, you will be responsible for overseeing the execution of multiple fiber laser programs, defining & executing fiber laser technology road-maps, and engaging new customers and partners.

This position requires a broad range of skills including technical expertise in pulsed fiber lasers for military and space-based applications and environments; track record of writing winning proposals; and creative strategic vision that contributes to sustained growth over time. You will join an agile small business that has a dedicated team of technology and business leaders with 35 years of success behind them. You will have diverse responsibilities throughout the development life-cycle that include:

- Leading the successful maturation of pulsed fiber lasers and amplifiers across a portfolio of programs, which includes multiple applications & customers, both MILSPEC prototypes & R&D fiber lasers, culminating in a transition to manufacturing
- Development and proposal of next generation pulsed fiber lasers (1  $\mu\text{m}$ , 1.5  $\mu\text{m}$  and 2  $\mu\text{m}$ ) for a wide range of DoD sensing missions, including writing & delivering compelling proposals
- Sustainment of healthy customer relationships from long term positioning
- Identification and engagement with new DoD and major aerospace prime customers & partners

## Requirements

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- Doctorate or Masters degree in Optics, Engineering, Physics, or other related field
- >10 years professional experience including leading advanced laser development and manufacturing programs
- US Citizen and eligibility to obtain a US Security Clearance
- Demonstrated success in design, development, and engineering of pulsed fiber lasers with demanding peak and average power performance requirements
- Familiarity with the engineering challenges of fielding high-power laser systems in military and space environments
- Self-directed and motivated with strong written and verbal communication skills
- Demonstrated success in authorship of technical proposals and delivery of new system technologies

## Desired Skills and Experience

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- Experience with full product life cycle typical of MILSPEC laser systems from R&D demonstration to prototype to low rate production including design for manufacturing
- Established connections within the laser, lidar and/or laser communication communities across customer groups at NASA, DoD, and other aerospace contractors

## Why Fibertek, Inc?

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Fibertek is a small business with a 35-year history of leadership in delivering advanced laser-based systems and technologies to the defense and aerospace communities with an emphasis on first-of-kind systems developed for the most challenging environments. We are leaders in delivering lasers for space-based earth-sensing LIDAR for NASA (e.g., CALIPSO and ICESat-2 laser systems) and in developing advanced laser and sensor systems for LIDAR and other applications in the defense community. Fibertek has a deep portfolio of solid-state and fiber-based laser systems; has delivered multiple lidar sensors for 3D imaging, tracking and navigation; and has a rapidly growing product line in tactical pulsed fiber lasers. Fibertek fosters a progressive learning environment that values inspiration, promotes professional challenge and encourages personal growth. We offer competitive and incentivized compensation package with excellent benefits. Relocation assistance will be available.

## How to Apply

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Send your resume to our Human Resource department, at [jobs@fibertek.com](mailto:jobs@fibertek.com).

***Fibertek, Inc. is an equal opportunity and affirmative action employer. Applicants are considered regardless of race, sex, disability, veteran status or any other protected characteristic in accordance with applicable law.***