C5ISR Center Research and Technology Integration Directorate
(Formerly Night Vision and Electronic Sensors Directorate)

Division: Image Processing

Job Title, Series and Grade: Interdisciplinary Engineer/Scientist, DB-0855-02/DB-0855-03

Duty Location: Fort Belvoir, VA

Duration: Permanent Reassignment

Area of Consideration: Permanent or Term C5ISR Center employees
*Please note, if selected, a TERM employee's appointment will NOT be made permanent as an immediate result of selection.

Job Description:
NVESD is “the U.S. Army’s sensor developer.” The research and development conducted, provides the Warfighter with advanced electro-optic and infrared sensor (EO/IR) technology. The highly-trained engineers and scientists at RTI procure both sensor and sensor suite technologies that support programs of record and U.S. Army Cross Function Teams (CRTs); such as Future Vertical Lift (FVL), Next Gen Combat Vehicle (NGCV), and Situational Awareness (SA).

An optical engineer at RTI will undergo a wide variety of tasks that support the development and acquisition of U.S. Army sensor technologies. These tasks include: working with the Warfighter to understand and derive requirements, review/create detailed optical designs, assess the manufacturability and cost of said design, and contribute to the overall life cycle for a given program. Other essential job functions may include: in-house support of programs of other branches/divisions, conducting failure analyses of systems, conducting applied research in support of CFTs.

Duties Snapshot:
Serve as an optical designer in the Imaging Technology Branch and support the development of electro-optical imaging sensors for mission critical defense systems. Duties include refractive/reflective optical design, sensor analysis and technology research. Individuals should be familiar with lens design software. In addition, the role requires technical support and coordination with Army platform program managers and other government agencies. Other duties include: assessing systems to determine their level of compliance with DoD sensor requirements, providing acquisition support to Army systems, documenting recommendations and approaches to address system risks, and preparing technical reports and briefings in support of program developments.

How to Apply: Please email your resume to brian.d.kellermeyer.civ@army.mil NLT 16 February 2022.

Additional Information:
* This is an Acquisition positon requiring Level III certification in Engineering. The incumbent will have 2 years from the time of selection to achieve certification.
* Travels less than 25% of the time in a TDY status.
* You must be able to acquire and maintain Secret Security Clearance.
* You must be a US Citizen.