EXTERNAL JOB ANNOUNCEMENT

Job Title: Electrical Engineer (RF)
Job Code: 2022:0402-044
Location: Yuma Proving Ground, Arizona
FT/PT Status: Full Time
Business Sector: Developmental Engineering

Job Description:
Under limited supervision, this entry-level engineer performs Radio-Frequency (RF) systems engineering on an interdisciplinary team of subject matter or professional experts. Performs technical and planning tasks to characterize how a system will operate in the modern electromagnetic battlefield environment. Testing includes, but not limited to, radio frequency allocation and associate processes; intra-system electromagnetic compatibility; electromagnetic environment setup, troubleshooting, and operations; spectrum compatibility; and electronic attack (jamming). Specialty areas include RF engineering theory, concepts, and performance; design and development of RF testing methodologies; and programming and operation of RF automated instrumentation and test equipment. Other requirements include collection, reduction, and analysis of data necessary to characterize the performance of complex systems with regard to radio frequency issues. Perform other duties as assigned to support mission requirements.

Pay Rate: DOE

Education/Licenses/Certifications/Experience-Requirements:

• Must have a Bachelor of Science degree in Electronic or Electrical Engineering or Physics or Mathematics with RF emphasis from an Accreditation Board for Engineering and Technology (ABET) accredited college or university.

Job Skills Requirements:

• Must have good working knowledge of Microsoft operating systems and Microsoft Office software products such as Microsoft Word, Excel, PowerPoint and Outlook.
• Must have experience with advanced test equipment such as spectrum analyzers, vector signal generators, and arbitrary waveform generators.
• Must have experience conducting and/or evaluating RF measurements such as power, frequency, and modulation.
• Must have good oral and written communication skills.
• Must have demonstrated ability to perform their duties with a high level of attention to detail.

Physical Requirements:

• Must pass a pre-employment drug screening and physical and periodic retests.
• Must be able to wear appropriate Personal Protective Equipment (PPE) for work tasks assigned.

Most positions are located at the U.S. Army Yuma Proving Ground in Yuma, Arizona. All applicants must be a U.S. citizen and have the ability to obtain a security clearance. This is a demanding business; many of our operations are carried out on remote test range sites. At TRAX Test Services, we are committed to protecting our people and our world. To learn more about our mission and apply, visit us at: www.traxintl.com
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**Job Requirements:**

- Must be able to work all shifts, weekends, holidays and overtime as needed, sometimes on short notice, to support test missions.
- Must possess a high school diploma or equivalent.
- Must possess or be able to obtain a security clearance prior to employment and maintain security clearance for the duration of employment.
- Must possess a valid driver's license, without special restrictions.
- Must have dependable transportation and a dependable means of communication.
- Must be able speak, write, read, and understand English.
- Must have a well-mannered customer service attitude.
- Must be willing to cross-train in other areas.
- Must use “down-time” effectively to the benefit of test, self, and company.
- Must be punctual, responsible, and dependable.
- Must demonstrate motivation, initiative, and reliability.
- Must be adaptable, flexible, and able to adjust to new or changing instructions.
- Must have a demonstrated ability to follow instructions and company policy.
- Must be able to deliver quality products to the customer and be responsive to their needs.
- Must be safety and security conscious, complying with rules and policies.
- Must be able to work both as part of a team and independently.

**Additional Desirable Qualifications:**

- Master of Science degree in Electronic or Electrical Engineering or Physics or Mathematics with RF emphasis from an Accreditation Board for Engineering and Technology (ABET) accredited college or university.
- Extensive experience conducting and/or evaluating RF measurements on high power transmitters and amplifiers such as power, frequency and modulation, and intermod product characterization.
- Experience with Electronic Warfare testing.
- Experience developing scripts and software programs to control test instrumentation.

**Terms of Employment & Eligibility Requirements:**

- Must be a U.S. Citizen and not hold multiple citizenships.
- Must possess or be able to obtain a security clearance prior to employment and maintain security clearance for the duration of employment.
- Must be a current TRAX employee or affiliate subcontractor for internal postings.

***Relevance of experience to be determined by hiring manager.***

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The lists above me are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel in this position. TRAX International reserves the right to make changes to this job description whenever necessary.

Closing Date: Open Until Filled

Other Job Information:

- TRAX International, Test Services Division, participates in E-Verify.
- TRAX is an Equal Opportunity Employer – Minorities/Females/Veterans/Disability.
- TRAX Test Services promotes a drug/alcohol free work environment through the use of mandatory pre-employment drug testing and on-going random drug testing, as per applicable State Laws.
- Must be able to obtain a security clearance prior to employment and maintain security clearance for the duration of employment.

TRAX Test Services also encompasses affiliate subcontracts. All positions with TRAX can always be transferred to one of the subcontracts.

Opened on Web: March 8, 2022