EXTERNAL JOB ANNOUNCEMENT

Job Title: Mechanical Engineer
Job Code: 2022:0402-045
Location: Yuma Proving Ground, Arizona
FT/PT Status: Full Time
Business Sector: Developmental Engineering

Job Description:

Provide engineering support including planning, designing, overseeing fabrication, and fielding special fixtures and machinery for the testing of military weapon systems and equipment. He or she will incorporate state-of-the-art technology that sometimes requires deviation from established design procedures and the development of new testing procedures and instrumentation systems. Incumbent may be assigned independent responsibility for a project having the characteristics described above; serve as project engineer on a major, complex system that is part of a high visibility, high cost program. Depending on experience, may lead a team of engineers and technicians on efforts involving transducers, calibrations, new instrumentation systems. Exercises technical direction over engineering, technical test support, and other supporting personnel in actual conduct of tests in the field or under simulated conditions. Makes assignments, reviews work, and provides instructions to such personnel relating to their function. May develop process improvements include identifying, designing, developing, and implementing modification/upgrades of existing facilities and equipment and their operating systems. Other duties as assigned.

Pay Rate: DOE

Education/Licenses/Certifications/Experience-Requirements:

• Bachelor's Degree in Mechanical Engineering or Engineering Technology from an Accreditation Board for Engineering and Technology (ABET) accredited college/university, or equivalent experience.

Job Skills Requirements:

• Must have experience using SolidWorks or other 3D CAD program.
• Must demonstrate effective communication in English on a professional level, both verbally and in writing.

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.
• Must be capable of working in extreme weather conditions including summer temperatures peaking around 120 degrees Fahrenheit.

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

Form TRAX-091
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Job Requirements:

- Must be able to lift and carry a minimum of 50 pounds.
- Must meet the physical requirements necessary to perform operations outlined, performed, and stated in the section SOPs.

**Additional Desirable Qualifications:**

- LabVIEW Data Acquisition.
- Controls and Programming (LABVIEW).
- 5 years' experience with SolidWorks or other CAD programs.
- 5 years' Mechanical Engineering experience.
- Electronics experience.
- Sheet metal fabrication experience.
- Machining experience.
- Welding experience.

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.***
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

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