POSITION ANNOUNCEMENT

TITLE: RESEARCH CIVIL/EXPLOSIVES ENGINEER I

DEPT: EMRTC

REG ☑ TEMP ☐ FULL TIME ☑ PART TIME ☐

STARTING RATE or SALARY RANGE: $40,581 - $50,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

*INTERNAL POSTING THROUGH: Concurrent * CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7-DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

JOB DUTIES:
Assists in test planning the execution of tests and in the preparation of reports; Analyzes, surveys, mapping and materials-testing data with computer modeling software, drawing up blueprints, using computer aided design (CAD) packages judging whether projects are workable by assessing materials, costs and time requirements, assess the environmental impact and risks connected to projects. Assists in the preparation of bids and reporting to clients, public agencies and planning bodies and monitors progress during each phase of a project, making sure sites meet legal guidelines, and health and safety requirements. The Engineer I will learn about and will be given the opportunity to practice the various test techniques and instrumentation used at EMRTC; including Flash X-Ray, sky screens, Doppler radar operation, small scale cook-off, high speed cameras, test instrumentation, ballistics, data acquisition techniques, data analysis and test management. Evaluates chemical equipment and processes to identify ways to optimize performance or to ensure compliance with safety and environmental regulations. Performs other duties as assigned or directed within the scope of the position or at higher level as part of career enhancement training/preparation.

REQUIRED QUALIFICATIONS:
Bachelor's degree required in Engineering, or related areas with strong math background; Civil Engineering education/experience preferred. Working knowledge of PCs and Microsoft Office Software desired. Experience with Data Acquisition Instrumentation and software desired. Experience with Test Range Style testing desired. Experience with 3D modeling and CAD programs desired. A valid driver's license is required. Position requires a Department of Defense security clearance to be obtained within reasonable time after employment.

Apply to: New Mexico Tech, Human Resources 801 Leroy Pl. Brown Hall Box 105, Socorro, NM 87801-4796