Job Description

Job Title: Marine Engineer/Technician I, II
Job ID: 10028
Project Name: SOEST
Full/Part Time: Full-Time
Regular/Temporary: Regular

Job Summary

Regular, Full-Time, RCUH Non-Civil Service position with the School of Ocean and Earth Science and Technology (SOEST), Ocean Technology Group (OTG), located at the University of Hawaii (UH) Marine Center in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

MINIMUM MONTHLY SALARY: Level I: $3,222.00.

DUTIES: Provide technical and logistical support for all cruise-related activities of SOEST research vessels. Assume major responsibilities for seagoing instrumentation and systems. Operate, maintain, and repair OTG shared-use shipboard oceanographic instruments, navigation and communication systems, and computer, network, data acquisition, and operating systems. Manage calibration and maintenance schedules for oceanographic instrumentation and laboratory equipment. Design, construct, and troubleshoot new electronic and mechanical systems; modify existing systems to meet changing needs. Repair both mechanical and electrical equipment as needed. Oversee cruise mobilization and demobilization efforts primarily involving OTG oceanographic and laboratory equipment. Serves as lead technician and trains visiting scientists and junior marine technicians in the correct operation of shared-use shipboard oceanographic instruments. Higher level technicians serve as lead technician for cruises involving more complex and a wider array of OTG equipment. Higher level technicians also provide technical guidance and training to lower level technicians. This is a progression job requiring new hires to be placed in Level I. Through experience, demonstrated competence, and operational needs, may be promoted to II, III, and Senior Levels.

PRIMARY QUALIFICATIONS: EDUCATION: Bachelor's Degree from an accredited four (4) year college or university in Marine, Physical or Engineering Science, or a combination of technical schooling and relevant job experience. EXPERIENCE: Progression job with minimum experience requirements for Level I. Experience including significant work in the areas of installation, maintenance, and operation of shipboard research equipment, research instruments and support systems. Experience with troubleshooting computer systems (program and system level) and hardware (PC/Windows, UNIX/Linux). Experience with data acquisition systems. Level I - Up to one (0-1) year of experience. ABIL/KNOW/SKILLS: Good working knowledge of mechanical and hydraulic systems. Working knowledge of electronics, electronic systems, and associated testing hardware (multimeters, scopes). Working knowledge and ability to work with synthetic lines, wire rope, cranes, winches, blocks and capstans. Computer literacy in terms of computer programming, such as C, C++ or script languages such as PERL, Awk (for Level I, computer literacy is not required but must be able to obtain on the job). Mechanical skills and aptitude, skills in the use of hand and power tools. Demonstrated ability using electronic test tools to troubleshoot analog and electronic circuitry. Must have good verbal and written communications skills. Able to operate and maintain heavy equipment (winches, cranes, capstans, blocks, etc). Able to obtain a valid passport and international travel visas. Must have valid driver's license and able to receive forklift certification.

PHYSICAL/MEDICAL REQUIREMENTS: Lift and carry equipment weighing fifty (50) pounds or more, lift/carry/move moderately heavy equipment; work aloft and in confined spaces. Must be able to work
aloft and in confined spaces, and be able to climb ladders aboard seagoing vessels. Medical and physical fitness must be adequate for working continuously at sea for up to sixty (60) days.

SECONDARY QUALIFICATIONS: Bachelor's Degree from an accredited four (4) year college or university in Electrical Engineering. Knowledge of and experience with commonly-used oceanographic instrumentation and shipboard equipment. Experience in scientific and troubleshooting operations at sea, preferably aboard University of Hawaii research vessels. Knowledge of and experience with instrumentation operated by the Ocean Technology Group. Experience in shipboard over-the-side operations and recovery of equipment or instrumentation. Skilled in the use of standard working knots and in the use of hauling equipment such as horizontal/vertical capstan and winches. Experience with training marine technicians in shipboard operations. Background in sonar, multibeam, and sound sources. Mechanical knowledge, such as hydraulics. Awareness of ISO/OSHA rules governing weight handling equipment, and of regulations regarding the handling and disposal of hazardous and radioactive materials.

INQUIRIES: Tim McGovern 832-3081 (Oahu).

APPLICATION REQUIREMENTS: The preferred method of applying for a job is through our on-line application process. Please go to www.rcuh.com, click on "Employment" and navigate to "Job Announcements/Apply for a Job." However, if you do not have access to the Internet, you may apply by submitting resume; cover letter including Recruitment ID#, referral source, narrative of your qualifications for position and salary history; names, phone numbers and addresses of three supervisory references and copy of degree(s)/transcripts/certificate(s) to qualify for position by fax (808) 956-5022 or mail to Director of Human Resources, Research Corporation of the University of Hawaii, 2530 Dole Street, Sakamaki Hall D-100, Honolulu, HI 96822 before the closing date. If you have questions on the application process and/or need assistance, please call (808)956-3100. EEO/AA Employer.

Please apply before: 01/29/2010