Job Description

Job Title: JIMAR PIFSC Mar Elctnrcs Tech
Job ID: 28226
Project Name: JIMAR
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), Joint Institute for Marine and Atmospheric Research (JIMAR), located at the National Marine Fisheries Service (NMFS), Pacific Islands Fisheries Science Center (PIFSC) in Honolulu, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds. Minimum Monthly Salary: $2,607.00.

Duties: Works with the Coral Reef Ecosystem Divisions (CRED) multi-disciplinary program to support marine ecosystem research and conservation efforts throughout the U.S. Pacific. Works with the sponsor to provide electronics technical support, in the lab and in the field, to a variety of scientists and research programs. Develops, designs, specifies, procures, installs, configures, maintains, modifies, relocates, reconfigures, troubleshoots, and repairs a variety of electro-mechanical equipment, software and peripherals utilized for marine ecosystem research and monitoring. Uses basic and specialized test equipment to diagnose and analyze difficulties. Participates in research cruises as a member of the Oceanography and Instrumentation Team and provides technical support for monitoring systems and field instrumentation. Required to participate in field activities for up to 60 days per year (but possibly more). Develops and maintains performance, maintenance, and technical documentation (records) on equipment and procedures, as well as end-user support documents. Minimum Qualifications: Education: Bachelors Degree from an accredited four (4) year college or university in Electrical Engineering or related field that includes a strong background in electronics (Associates Degree from an accredited community college in Electrical Engineering Technology, Electronics or equivalent and an additional one to three (1-3) years of relevant work experience may substitute for a Bachelor¿s Degree). Experience: One to three (1-3) years of experience in electrical engineering, electronics, or related work.

Abil/Know/Skills: Working knowledge of electronics, instrumentation, and measurement systems. Basic knowledge of the engineering design process. Basic knowledge of analog and digital circuits. Working knowledge and understanding of good laboratory practices. Ability to read, interpret, and create engineering documents and drawings. Ability to read electronic schematics. Proficiency in soldering. Ability to utilize a variety of hand and power tools. Troubleshooting skills for electrical and circuit board problems including the use of basic lab tools to troubleshoot down to the component level. Proficiency with using basic office productivity software tools, including word processors, databases, and spreadsheets. Must possess excellent written and verbal communication skills, and ability to transfer technical knowledge to appropriately written material. Ability to prioritize and coordinate multiple tasks. Ability to work independently under minimal supervision, and on teams tasked with multiple and frequent deadlines. Must possess a valid drivers license. Must meet US Department of Commerce (DOC), National Oceanic and Atmospheric Administration security requirements for working in a federal facility which includes being fingerprinted and having a federal background check performed. Physical/Medical Requirements: Must be able to obtain NOAA Medical Clearance for embarking/working on NOAA research vessels or other appropriate vessels.
which includes providing proof of required immunizations and/or obtaining the necessary immunizations as required by NOAA Marine and Aviation Operations. Ability to work long hours outdoors at various captive facilities and remote locations with high exposure to sunlight, aboard research vessels and aboard small boats (15-20) in coastal and oceanic waters. Duties may require physical exertion, including reaching, carrying and lifting scientific equipment, up to 50 pounds. Ability to remain at sea for extended periods of time. Must be willing to travel to assist in field equipment installation, performance testing, and/or service. Desirable Qualifications: Knowledge of computer programming languages. Experience with relational databases such as Microsoft Access. Familiarity with computer based drafting programs such as AutoCAD, Pro-E or similar software. Ability to evaluate hardware and software designs and determine possible failure modes. Advanced open water SCUBA diving certification and experience. Experience with marine products and equipment, and oceanographic instrumentation. Familiarity with the use of a wiki to create collaborative content. Experience with underwater acoustic data collection systems. Experience with remote underwater camera systems. Inquiries: Nicole Wakazuru  956-9465 (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. EEO/AA Employer.

Please apply before: 05/09/2008