



PORTLAND VA MEDICAL CENTER

Our mission is to honor America's veterans by providing exceptional health care that improves their health and well-being.



NOTICE OF VACANCY

POSITION TITLE: Biomedical Equipment Support Specialist (Imaging)

ANNOUNCEMENT #: MP-11-0064-ML

DIVISION: Facilities Management Service

LOCATION: Portland Division

SERIES & SALARY RANGE: GS-1601-11; \$60,520 - \$78,674

OPEN DATE: 2/11/2011

CLOSE DATE: 3/7/2011

NUMBER OF VACANCIES: 1

POSITION INFORMATION: Permanent, Full-time, Tour of duty: 8am – 4:30pm, **Participant in Biomed Section On-call rotation pay.**

*** WHO MAY APPLY:**

- VA Career or career conditional employees
- VA permanent Title 38, Title 38 Hybrid employees and Veterans Canteen employees eligible under the Interchange Agreement
- Federal Career/Career Conditional Employees and Reinstatement eligilbes
- Individuals eligible under special hiring authorities (See conditions of employment).
- ICTAP/CTAP eligible Federal Employees. (See conditions of employment).
- Noncompetitive appointment of certain military spouses (See conditions of employment).
- VEOA eligible applicants (Veterans Employment Opportunities Act) (See conditions of employment).
- Schedule A applicants (See conditions of employment).
- VRA eligible applicants (See conditions of employment).

BARGAINING UNIT POSITION: YES

MAJOR DUTIES: The incumbent is assigned as a Senior Biomedical Engineering Support Specialist in the Imaging Group of the Biomedical Engineering Section. The incumbent is responsible for on-site technical support, day to day coordination, and administration of the most highly complex equipment. This support includes pre-purchase evaluation, clinical applications, clinical training, technical training, utilization, installation, de-installation, maintenance, system restorations, network interfacing, modifications, accident investigation, life expectancy and replacement. The value of the Imaging systems totals over \$20 Million. These medical systems are a portion of the over \$59 Million total in medical equipment and systems that encompass the diversified Biomedical Engineering program under the supervisory control and direction of the Chief, Biomedical Engineering. The Specialist serves as a consultant to the clinical and administrative staff on technical principles, good manufacturing practices, as well as clinical applications. Through this support, the incumbent's position is critical to the delivery of high quality patient care. He/she provides on-site comprehensive, highly complex technical and professional services to ensure proper functioning of some of the largest, most complex and sophisticated medical systems in the Medical Center and all CBOCs used on a daily basis. These systems provide direct patient care that impacts the delivery of healthcare for normal and critical care patients throughout all clinical areas. The Incumbent is responsible for highly complex installations, calibrations, applications support, user training, preventative maintenance, troubleshooting, and systems safety of systems that fall under JCAHO compliance standards and/or Medical Physics Standards. The incumbent is responsible for duties of a broad scope and complexity. He/she is responsible for analyzing, diagnosing, developing, and planning. He/she must troubleshoot and correct system failures on complex digital based systems that have vitally interrelated and sometimes dispersed subsystems. Many of these systems are assembled from numerous constituent units or subsystems, which are" themselves devices with 'an advanced" degree of complexity. The incumbent must have theoretical and practical knowledge in networking, electronics and medical instrumentation to perform. Medical Imaging Equipment supported by the incumbent may include patient related computer imaging and networking systems located in following areas. Exact assignments are determined based on **Please note:** It is the responsibility of the applicant to ensure timely receipt of the application, regardless of the method used for submission. The VA assumes no responsibility for the late delivery of applications (i.e. postal service delays). The Portland VA Medical Center will not accept in a US government envelope.



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assessments of workload. However, the incumbent must have minimal knowledge of all systems in order to be a first responder to equipment failures in the event that the primary responsible technician is absent.

QUALIFICATIONS:

- **Eligibility:** U.S. Office of Personnel Management [Qualification Standards](#) Handbook for GS-1601. Regulatory requirements such as "time-in-grade" and "time after competitive appointment" are applicable.
- **Basic Requirements:** Must be a U.S. citizen.
- **Specialized Experience:** At least one year of experience that equipped the applicant with the particular knowledge, skills, and abilities (KSA's) to perform successfully the duties of the position, and that is typically in or related to the position to be filled. To be creditable, specialized experience must have been equivalent to at least the next lower grade level. Specialized experience includes, but is not limited to; demonstrated skill in calibrating and maintain biomedical equipment with an emphasis on Radiology and Nuclear Medicine equipment (CT scanner, MRI, special procedure rooms, cardiac catheterization lab, radiology/fluoroscopy rooms, scintillation cameras, general radiographic rooms, mobile x-ray and c-arms, diagnostic ultrasound, Gamma Cameras, Picture Archiving and Communications Systems, and other highly complex medical equipment). Investigating and analyzing a variety of unusual conditions; resolving critical problems; and/or developing, testing, and implementing new technologies; isolation and definition of problem conditions and the installation and operation of peripheral devices or medical equipment in a computer networked environment. Applies practical knowledge of medical equipment and complex imaging, (X-ray, MRI, ultrasound, Nuclear), systems used in direct care of patients or in research. Knowledge of Picture Archiving and Communication System (PACS). Experience resolving critical problems; and/or developing, testing, and implementing new technologies; isolation and definition of problem conditions and the installation and operation of peripheral devices or medical equipment in a computer networked environment. Performed work that impacts warranty disputes, safety determinations, diagnostic or therapeutic success or failure, and expenditure of funds to repair, replace, or acquire highly sophisticated biomedical instrumentation systems. Accomplished in the calibration and performance of complex medical instrumentation, which may be made up of several subsystems.
- **Substitution of Education for Experience:** Generally, not applicable.
- **Basis for Rating: Knowledge, Skills and Abilities**
On a separate sheet of paper, provide a written, detailed response to each of the KSAs. Failure to respond to the rating factors may result in your application receiving a less than desirable rating.
 1. Ability to efficiently troubleshoot and repair mechanical and electronic (analog, digital, integrated circuitry, and transistor circuitry) problems in a variety of complex Biomedical Equipment.
 2. Skill in calibrating Biomedical Equipment with an emphasis on Radiology and Nuclear Medicine equipment (CT scanner, MRI, special procedure rooms, cardiac catheterization lab, radiology/fluoroscopy rooms, scintillation cameras, general radiographic rooms, mobile x-ray and c-arms, diagnostic ultrasound, Gamma Cameras, Picture Archiving and Communications Systems and other highly complex medical equipment).
 3. Ability to maintain complex, often computerized and networked medical imaging systems with an emphasis on Radiology and Nuclear Medicine Equipment (CT scanner, MRI, special procedure rooms, cardiac catheterization lab, radiology/fluoroscopy rooms, Picture archiving and Communications System (PACS), scintillation cameras, general radiographic rooms, mobile x-ray and c-arms, diagnostic ultrasound and other highly complex medical equipment).
 4. Knowledge of analog and digital electronics including integrated circuits and microprocessors; mathematics; life and physical sciences (anatomy, physiology, chemistry, physics and mechanics) and X-ray physics; and equipment safety standards (JCAHO, NFPA 99, CARF, VHA).
 5. Ability to communicate orally and in writing for the purpose of informational exchange, training and work documentation.
 6. Ability to integrate Medical Center goals into work environment.
 7. Ability to manage multiple priorities and respond to demands from several competing sources.

* CONDITIONS OF EMPLOYMENT:

- **Priority Consideration:** Individuals who have special priority selection rights under the Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP) must be well qualified for the position to receive consideration for special priority selection. CTAP and ICTAP eligibles will be considered well qualified if they can perform the duties of the position at the full performance level and the full range.
- Federal Employees seeking CTAP/ICTAP eligibility must submit proof that they meet the requirements of 5 CFR 330.605 (a) for CTAP and 5 CFR 330.704 for ICTAP. This includes a copy of the agency notice, a copy of their most recent Performance Rating and a copy of **Please note:** It is the responsibility of the applicant to ensure timely receipt of the application, regardless of the method used for submission. The VA assumes no responsibility for the late delivery of applications (i.e. postal service delays). The Portland VA Medical Center will not accept in a US government envelope.



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their most recent SF-50 noting current position, grade level, and duty location. Please annotate your application to reflect that you are applying as a CTAP or ICTAP eligible.

- Noncompetitive Appointment of Certain Military Spouses

- Spouses of armed forces members who are involved in a Permanent Change of Station (PCS): You must include a copy of the service member's PCS Orders authorizing the spouse to accompany the service member and proof of marriage to the service member.
- Spouses of armed forces members who retired or were released from active duty with a 100% disability: You must include proof that service member was released or discharged from active duty due to a service-connected disability, documentation of 100% disability, and proof of marriage to the service member.
- Un-remarried widows or widowers of armed forces members killed while on active duty: You must include proof of service member's death while on active duty and proof of marriage to the service member.

- VEOA (Veterans Employment Opportunities Act) Veterans who are preference eligibles or who have been separated from the armed forces under honorable conditions after 3 or more years of continuous active service.

- **Schedule A** special hiring authority covers applicants with mental and physical disabilities. In order to be considered under this special hiring authority applicants need to provide proof of disability and job readiness certification. The proof of disability and job readiness certification can be provided by the following: 1) a statement or letter on a physician's/medical professional's letterhead; 2) statement, record or letter from a Federal Government agency that issues or provides disability benefits; 3) statement, record or letter from a State Vocational Rehabilitation Agency counselor; or 4) certification from a private Vocational Rehabilitation or other Counselor that issues or provides disability benefits. More information regarding this special hiring authority can be found at www.opm.gov/disability/aboutus.asp

- **VRA (Veterans Recruitment Act):** VRA eligibility applies to the following categories: Disabled Veterans, Veterans who served on active duty in the Armed Forces during a war declared by Congress, or in a campaign or expedition for which a campaign badge has been authorized, Veterans who, while serving on active duty in the Armed Forces, participated in a military operation for which the Armed Forces Service Medal (AFSM) was awarded and Veterans separated from active duty within the past 3 years.

- Although the duty station is shown in this announcement, it may be necessary to utilize the selected person's services at a different location within the Portland VA Medical Center commuting area if conditions require it in the future

- Applicants without prior federal service will be appointed at step one of the grade

- Eligible employees may be non-competitively reassigned to fill this position as an exception to merit promotion.

- Under Executive Order 11935, only United States citizens and nationals (residents of American Samoa and Swains Island) may compete for civil service jobs. Agencies are permitted to hire noncitizens only in very limited circumstances where there are no qualified citizens available for the position.

- If you are a male born after December 31, 1959, and are at least 18 years of age, civil service employment law (5 U.S.C. 3328) requires that you must register with the [Selective Service System](#), unless you meet certain exemptions.

- A security clearance and a favorable suitability determination are required. Misconduct in prior employment, criminal, dishonest or disgraceful conduct, habitual use of intoxicating beverages, abuse of narcotics, drugs or other controlled substances, or reasonable doubt of loyalty to the United States are examples of reasons an offer of employment may be denied.

- Public transit subsidy benefits are available. Carpooling assistance is provided. However, single occupancy parking is limited on main Portland campus.

- This is a developmental position. If selected below the target level, employee may be promoted without further competition upon satisfactory completion of qualification and eligibility requirements.

- A drug test may be required for an applicant who is tentatively selected.

- A pre-employment physical examination will be required for an applicant who is tentatively selected.

- Employee selected must serve a one (1) year probationary period for managers/supervisors as contained in 5 USC 315, unless she/he has already served the required supervisory period.

- Applicants appointed to direct patient care positions must be proficient in spoken and written English as required by 38 USC 7402(d) and 7407(d).

- This agency provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify the agency. The decision on granting reasonable accommodation will be on a case-by-case basis

- The United States Government does not discriminate in employment on the basis of race, color, religion, sex, national origin, political affiliation, sexual orientation, marital status, disability, age, membership in an employee organization, or other non-merit factor.

- It is the policy of the Department of Veterans Affairs that all Federal wage and salary payments are paid to employees by Direct Deposit/Electronic Funds Transfer (DD/EFT).

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HOW TO APPLY:

Application forms may be obtained in Human Resources Management Service or on our [Portland VAMC](#) internet website.

Portland VAMC Permanent Internal employees:

1. [VAF 4078, Application for Promotion or Reassignment](#)
2. [VAF 4676a, Employee Supplemental Qualifications Statement](#) (due 3/14/2011)
3. [VAF 4667b, Supervisory Appraisal of Employee for Promotion](#) (due 3/14/2011)
4. Updated application: [OF 612, Optional Application for Federal Employment](#) (attach additional sheets of paper if needed for additional job experience (in same format as application)), or Resume.
5. [MPQ – Merit Promotion Questionnaire](#) is optional but recommended if you have qualifications pertaining to the position applied for but are not in your OPF.

* All Other Applicants Must Submit:

1. [OF 612, Optional Application for Federal Employment](#) (attach additional sheets of paper if needed for additional job experience (in same format as application)), or Resume. (Please refer to [OF-510, Applying for a Federal Job](#) on the USA jobs website (<http://www.usajobs.opm.gov/>) for information on how to apply with a resume instead of OF-612.)
2. [OF-306, Declaration for Federal Employment](#) (January 2001 version or later).
3. Veterans Preference: (Required if Veterans Preference is being used for status)
 - a. DD-214, Military Discharge Paper (copy must display the required data which includes awards/medals/badges, dates and character of service) (For 5 Point Veteran's Preference).
 - b. [SF-15, Application for 10-point Veteran Preference](#) (December 2004 version or later) (if applicable)
 - c. VA letter or DOD documentation of service-connected disability rating dated 1991 or later if applicable.
4. SF-50, Notification of Personnel Action (if applying as a current or former federal employee).
5. Special Hiring Authority documentation (if applying under ICTAP/CTAP, Schedule A, etc.)
6. Copy of latest performance appraisal (if applying as a current federal employee)
7. Responses to the KSA's. Candidates are recommended to submit a narrative statement on a separate page(s) with specific responses to all of the knowledge, skills, and abilities (KSAs) in this announcement.
8. A copy of your college transcripts (Optional unless education is required). Please note, education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications (particularly positions with a positive education requirement.). Therefore, applicants must report only attendance and/or degrees from schools accredited by accrediting institutions recognized by the U.S. Department of Education. Applicants can verify accreditation at the following website: <http://www.ed.gov/admins/finaid/accred/index.html>. All education claimed by applicants will be verified by the appointing agency accordingly. Foreign Education; to receive credit for education completed outside the United States, you must show proof that the education has been submitted to a private organization that specializes in the interpretation of foreign educational credentials and such education has been deemed at least equivalent to that gained in conventional U.S. education programs.

All application packets must be received in Human Resources by Close of Business (COB) on 3/7/2011.

- Applications may be emailed to: PortlandVAJobs@va.gov Subject: MP-11-0064-ML
- Received by Fax to: 503.273.5029, ATTN: MP-11-0064-ML
- Mailed to: PO BOX 1034, Portland, OR 97207 ATTN: MP-11-0064-ML
- Brought in person to: Portland VA Medical Center at 3710 SW US Veterans Hospital Road, Portland, OR 97239, Human Resources Building 16, Room 300

Thank you for your interest in the Portland VA Medical Center, for more career opportunities please visit: [Portland VA Human Resources](#) or [USAJobs](#).

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