

# **Job Title: Clinical Engineer**

**Department: Healthcare Technology Management (HTM) Services**

**Reports To: HTM Program Manager / Regional Director**

**FLSA Status: Exempt / Salary**

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## **Position Summary**

The Clinical Engineer provides technical expertise, project management, and data-driven support to optimize the performance, safety, and cost-effectiveness of medical equipment and technology systems within healthcare facilities supported under third-party service agreements. This role serves as the engineering and analytical backbone of the Healthcare Technology Management (HTM) program, focusing on equipment planning, acquisition, integration, and lifecycle management. The Clinical Engineer collaborates closely with hospital administration, clinical departments, and HTM staff to ensure the effective use of healthcare technology that aligns with patient care, regulatory, and operational goals.

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## **Key Responsibilities**

- Manage and support the full lifecycle of medical devices and systems, from technology assessment and acquisition to replacement and disposal.
- Provide engineering expertise to evaluate, design, and implement improvements in medical equipment performance, safety, and utilization.
- Analyze equipment reliability, downtime, and service data to identify trends and recommend corrective actions or capital planning strategies.
- Collaborate with clinical staff to assess equipment needs, develop technical specifications, and support the procurement and installation of new technologies.
- Participate in the acceptance testing and configuration of new medical devices to ensure compliance with safety and performance standards.
- Serve as a technical advisor for integration of medical equipment with IT systems, EMR/EHR interfaces, and network infrastructure.
- Ensure compliance with all applicable regulatory and accreditation standards, including The Joint Commission (TJC), NFPA 99, FDA, and CMS requirements.
- Support the HTM Program Manager in strategic planning, project management, and performance reporting for the client facility.
- Develop and maintain documentation such as risk assessments, service strategies, and lifecycle cost analyses.
- Provide consultation to hospital leadership regarding technology planning, cost control, and standardization opportunities.

- Lead or assist in special projects involving new construction, renovations, or clinical program expansions.
  - Contribute to a culture of innovation, safety, and continuous improvement within the HTM organization.
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## **Qualifications**

### **Education & Experience:**

- Bachelor's degree in Biomedical Engineering, Clinical Engineering, Electrical Engineering, or related technical field required.
- Master's degree preferred.
- Minimum of 3–5 years of experience in clinical engineering, HTM program support, or hospital-based technology management.
- Experience working within a hospital or third-party HTM service environment strongly preferred.

### **Certifications (Preferred):**

- Certified Clinical Engineer (CCE) through AAMI/ACCE
- Certified Healthcare Technology Manager (CHTM) or Certified Biomedical Equipment Technician (CBET)
- Project Management Professional (PMP) or Lean Six Sigma certification a plus

### **Knowledge & Skills:**

- Strong understanding of biomedical and clinical engineering principles, medical device regulations, and healthcare technology systems.
  - Proficiency in data analysis, CMMS reporting, and capital planning methodologies.
  - Working knowledge of networking, cybersecurity, and system integration principles for connected medical devices.
  - Excellent communication, presentation, and interpersonal skills.
  - Strong project management and problem-solving abilities.
  - Ability to work independently and collaboratively with cross-functional teams in a clinical environment.
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## **Physical Requirements**

- Ability to move freely throughout hospital facilities and equipment rooms.
- Occasional lifting of up to 25 lbs.
- May require limited travel to other client sites or project locations.

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## **Work Environment**

- Hospital and healthcare settings with frequent collaboration among clinical, IT, and administrative departments.
- Office-based analytical and administrative work involving regular computer use.
- Fast-paced, project-driven environment requiring professionalism, accuracy, and attention to detail.

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## **About the Company**

*ELITE Healthcare Technology Resources* is a third-party Healthcare Technology Management (HTM) service provider specializing in medical and diagnostic equipment management, clinical engineering, and technology optimization. We partner with hospitals and healthcare organizations to deliver data-driven, cost-effective, and regulatory-compliant HTM solutions that enhance patient care and operational excellence.