



Job Description

Post Title:	Senior Clinical Engineering Technician
Post Status:	Permanent
Department	Medical Physics & Clinical Engineering
Location:	Beaumont Hospital, Dublin 9
Reports to:	Chief Clinical Engineering Technician
Salary:	Appointment will be made on Senior Clinical Engineering Technician Scale (€42,378- € 60,858) at a point in line with Government pay policy.
Hours of work:	37 hours
Closing Date:	12.00 noon on 31.07.2020 (The interviews will be held on the 12 th August 2020)

Position Summary:

This post is in the Department of Medical Physics and Clinical Engineering (MPCE). The department's mission is to enhance efficiency and effectiveness of clinical services through the optimisation of electro-medical, imaging, and information and communication technology for the benefit of patients. The post holder will be involved in the provision of scientific and technical support to clinical services throughout the hospital.

Principal Duties and Responsibilities:

1. The post holder will be a member of the Department of Medical Physics and Clinical Engineering, reporting to the Chief Clinical Engineering Technician, within the department's management structure.
2. Provision of a high quality technical support service for medical equipment and systems with regard to performance, traceability and safety.
3. Provide and manage comprehensive front-line maintenance services, for electromedical, imaging, optical and other equipment in respect of its functional, electronic, optical, electrical and mechanical aspects; to a standard of safety, accuracy and reliability consistent with its function and with professional standards.
4. Provision of a comprehensive equipment management programme for medical equipment. This shall include clinical user support and training, preventative maintenance, safety programmes.
5. Manage and advise on medical equipment service contracts, liaising with equipment suppliers and manufacturers.
6. Contribute to clinical justification and system specification prior to purchase of electromedical equipment.
7. Contribute to and participate in justification, specification, evaluation and selection, acceptance testing, commissioning and safety testing of new equipment and/or services.
8. Contribute to the development and use of the department's equipment management database, maintaining an up to date record of issues related to medical equipment assets.
9. Actively support clinical personnel (medical, technical, nursing, administrative) in the implementation of patient care involving technology.
10. Advising on the purchase of appropriate test and service equipment.
11. Develop and maintain good communications and close cooperation with clinical personnel and external equipment suppliers and manufacturers.
12. Develop and maintain good cooperation and close working links with physicists and with other members of the Medical Physics and Clinical Engineering Department.
13. Maintain good communications throughout the hospital where equipment issues impact on the provision of a service.



14. Provide the department's administration with such records of his/her work as are deemed to be necessary.
15. Contribute as required to the development of the Medical Physics and Clinical Engineering Department's policies and services.
16. Liaise as required with IT personnel to ensure availability of appropriate IT infrastructure for medical equipment.
17. Contribute to the development and implementation of a quality assurance/risk management programme for medical equipment.
18. Contribute to the development and implementation of a quality assurance programme on the hospital's electronic infrastructure to ensure integrity of clinical data and processes. In particular, liaise with IT personnel (IT Department) to plan and implement a management programme for clinical network domains.
19. Performing as required routine QA checking and measurements on medical equipment.
20. Contributing to the construction, testing, service and repair and calibration of auxiliary equipment.
21. Participate in continuing education and professional development activities and cultivate specialist areas of interest / expertise, as required.
22. Manage the maintenance and inventory of proper stock levels of spare parts, and accessories for medical equipment, ensuring minimum equipment downtime.
23. Participation, as required, in the education, training and research activities / programmes of the department.
24. Making informed decisions and recommendations, where deemed necessary.
25. Providing project management services.
26. Performing other duties as may be assigned to him/her. Duties may be assigned within any of the institutions to which the department provides a service.
27. Work agreed rosters and/or on-call arrangements advised to you by your line manager. Contracted hours of work are liable to change between the hours of 0800 and 2000 hrs over seven days to meet requirements for extended day services in accordance with the terms of the Framework Agreement.

This job description is a guide to the general range of duties assigned to the post holder. It is intended to be neither definitive nor restrictive and is subject to periodic review with the employee concerned.

Selection Criteria:

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

Mandatory:

- a) Each candidate must, on the latest date for receiving completed application forms:
 - I. Hold as a minimum a recognised qualification at National Framework of Qualifications (NFQ), Level 7 or higher, in one of the following engineering disciplines;
 - (i.1) Electronic,
 - (i.2) Electrical,
 - (i.3) Instrument Physics,
 - (i.4) Industrial Instrumentation,
 - (i.5) Applied Physics,
 - (i.6) Mechanical,
 - (i.7) Mechatronic,
 - (i.8) Biomedical Engineering;



Or

II. Hold a recognised qualification at least equivalent to one of the above;

And

III. Have a minimum of three years postgraduate satisfactory and relevant experience in an appropriate medical industrial field including at least two years in a clinical engineering environment;

And

b) Candidates must possess the requisite knowledge and ability (including a high standard of suitability and administrative capacity) for the proper discharge of the duties of the office.

Applicant's CV must clearly indicate how the candidate meets the requirements listed at a) and b) above.

Desirable:

- Possess good problem solving skills and the ability to develop solutions to complex situations with medical equipment and associated systems.
- Ability to engage and communicate effectively with multidisciplinary teams.
- Experience of gathering interpreting and analysing information to make informed decisions.
- Ability to fault find on complex electromedical equipment.
- Ability to meet deadlines and work on own initiative.
- Possess excellent interpersonal and communication skills, including the ability to present information in a clear and concise manner.
- Ability to deal effectively with a number of tasks simultaneously.
- Possess knowledge of Information and Communications Technology (preferably in systems administration).
- Maintain an awareness of the primacy of the patient in relation to all hospital activities.
- Be expected to maintain and enhance their professional knowledge and skills in order to keep pace with changes in the delivery of health care.

Experience working in an operating theatre environment would be an advantage. A candidate's CV should clearly demonstrate how some or all of the desired skills, competencies and knowledge outlined above, are addressed.

Supplementary information:

The Hospital	www.beaumont.ie
Management Unit:	www.beaumont.ie/hr
Other (Please specify):	



Beaumont Hospital

Ospidéal Beaumont



RCSI HOSPITALS
OSPIDÉIL RCSI

Informal Enquiries ONLY to:

Name:	Paul Lowe
Title:	Chief Clinical Engineering Technician
Email:	paulowe@beaumont.ie (Please note no applications will be accepted sent to this email address).
Telephone:	852 8407

Application Procedure:

Candidates should submit a full curriculum vitae to include the names and contact details of 2 referees (email addresses if possible) to: <https://beaumont-hospital.rezomo.com/job/14249/>

A short listing exercise may be carried out on the basis of information supplied in your application. The criteria for ranking and or short listing are based on the requirements of the post as outlined in the eligibility criteria and skills, competencies and/or knowledge section of this job specification.