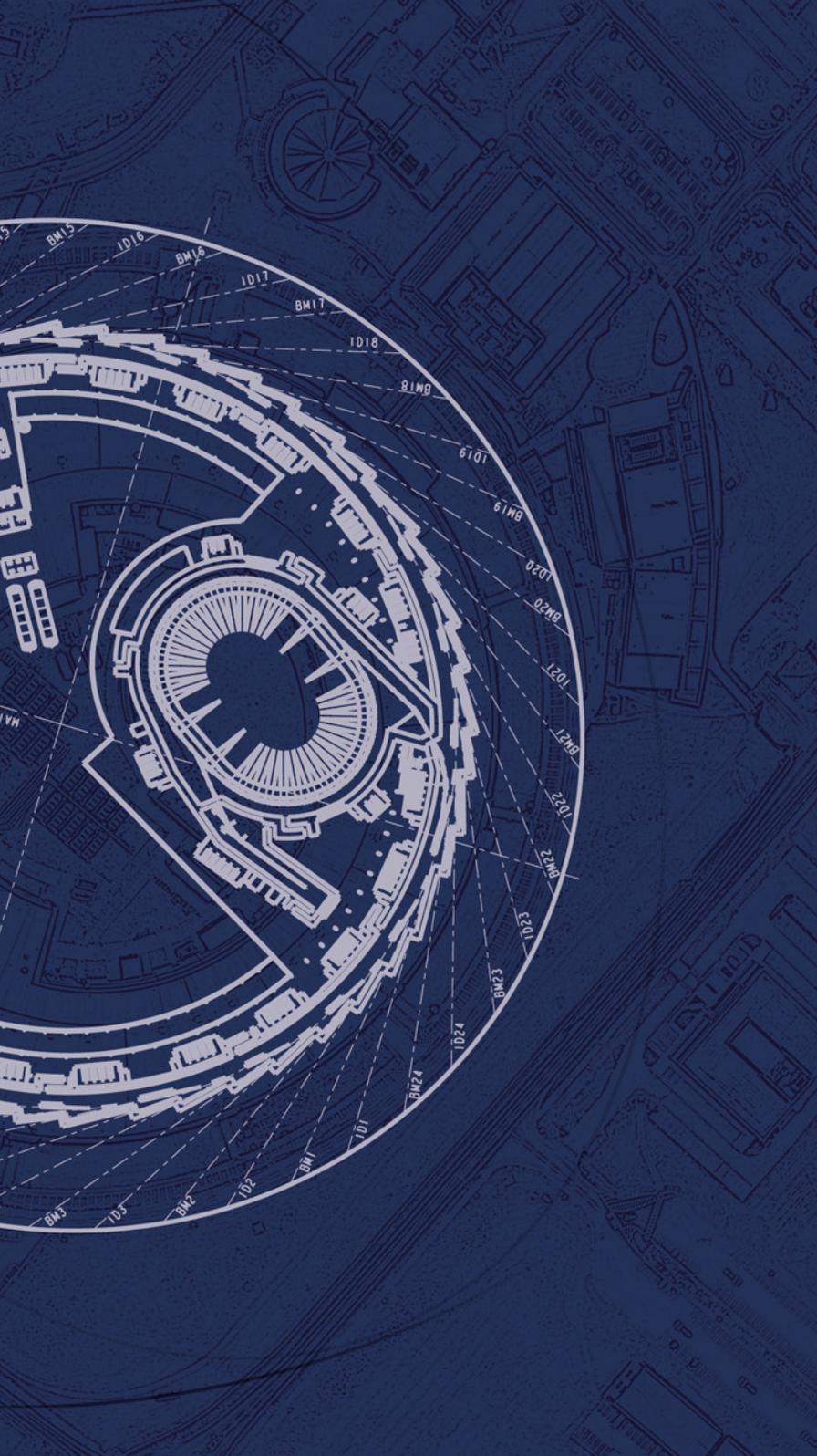




Diamond Light Source

Programme Director
January 2022





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Executive Summary

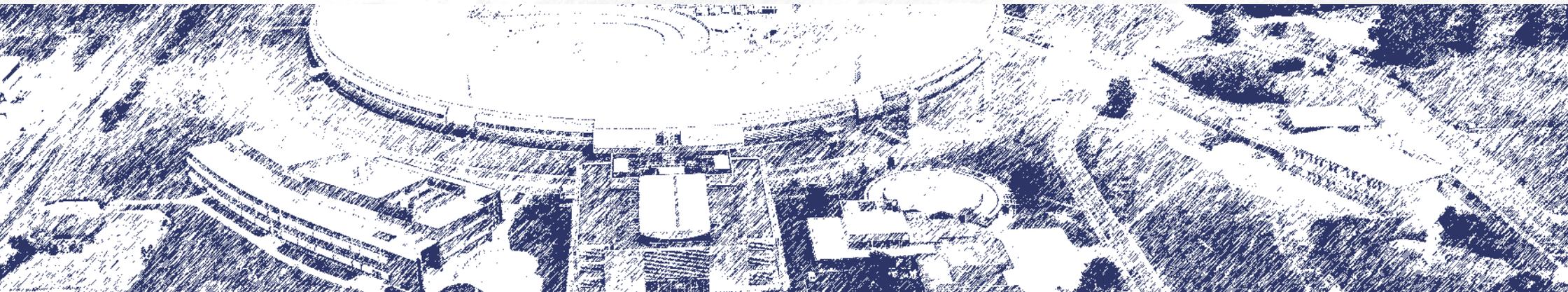
Diamond Light Source is one of the most advanced scientific facilities in the world, and its pioneering capabilities are helping to keep the UK at the forefront of scientific research. The facility is at a turning point with all its instruments now fully operational. Alongside the continuing growth in scientific output, Diamond is planning for a major upgrade to deliver a 4th generation high brilliance synchrotron light source at a higher energy of 3.5 Giga electron volts (GeV). To maintain its world leading position, Diamond is planning for a programme of development that combines a new machine and several new beamlines with a comprehensive series of upgrades to existing ones. Diamond-II will bring transformation in both improved spatial resolution for imaging and higher throughput of samples for both the Life and Physical Sciences.

The upgrade of the light source will be matched by upgrades to the existing instruments and some completely new instruments, designed to enable scientists and engineers to undertake highly innovative research across a wide range of fields, with a wide variety of potential applications impacting industrial competitiveness and quality of life. In addition to its synchrotron-based instruments, Diamond also offers complementary access to a range of advanced electron microscopes and other laboratories.

Diamond offers its facilities free at the point of use and available to researchers through a competitive internationally reviewed application process, provided that results are published in the public domain. Over 14,000 researchers from across life and physical sciences from both academia and industry conduct experiments at Diamond.

Diamond is a dynamic organisation employing around 800 people from around the world and is set-up as a not-for-profit limited company funded as a joint venture between the UK Government through UK Research & Innovation (UKRI) and Wellcome.

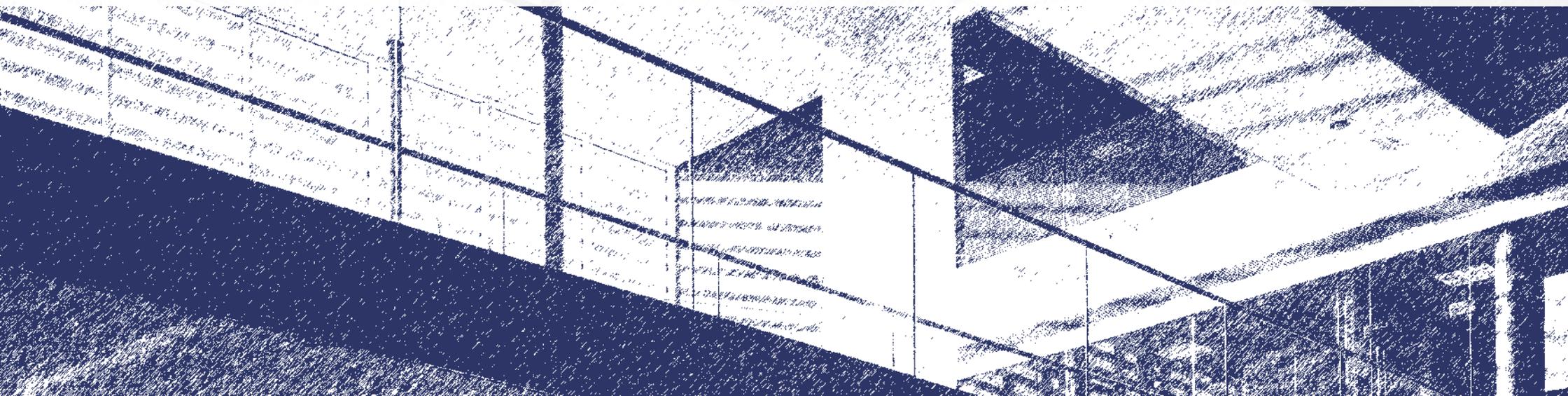
Diamond now has an exciting opportunity for a Programme Director to lead on the delivery of the complex £500M upgrade programme expected to be fully completed in December 2031. Reporting directly to the Senior Responsible Owner (SRO), the Programme Director will support the preparation of the Full Business Case to H.M. Treasury and drive the delivery of the machine, beamlines and the full range of capabilities from detectors to advanced computing infrastructure for controls systems, automation, data acquisition and analysis.



The Programme Director

Key Duties:

- Deputising for the SRO to lead the programme to successful delivery of the agreed outcomes within time, cost and quality constraints as defined by the Full Business Case.
- Strategic and day-to-day leadership and management of the programme, managing effective transition between project phases.
- Lead, manage and direct internal stakeholder relationships across multiple groups to achieve buy-in to programme objectives and timely delivery of outcomes.
- Provide strategic leadership in defining and maintaining integrated programme delivery plan with the support of the Diamond Planning Office.
- Define and maintain programme budget. Forecasting, managing and controlling programme expenditure and schedule adherence across the project portfolio; including -exercising change control within the delegation limits defined by the Sponsor Board.
- Own strategic and directional issues and dependencies between projects within the overall programme and escalate to the Sponsor Board where necessary.
- Identify and delegate issues to appropriate project managers.
- Accountable for ensuring that strategic and operational risks and issues are identified, prioritised, assessed and mitigated; and take decisions in response to escalated risks or opportunities.
- Assure the integrity of benefits profiles and the realisation plan.
- Provide regular updates to the Sponsor Board and ensure that emergent issues are escalated in a timely manner.
- Ensure a robust change control is in place.



Selection Criteria

You will possess substantial experience in the management of large-scale programmes (£100M+), ideally in a technology or engineering sector and will be a strong leader with possibly an international leadership profile. You may have previous experience and understanding of the wider issues impacting the UK science and innovation landscape, ideally with significant experience in management of similar complex programmes.

You will have demonstrable experience of fostering relationships across diverse disciplines and will have gained exceptional stakeholder management skills as part of a large project delivery. To succeed in this role, you will have experience of managing complex scientific and engineering requirements, which will be the key driver of the delivery of the Diamond-II upgrade, whilst balancing current operational needs of the facility together with the Executive team and senior leadership staff involved in Diamond-II.

Furthermore, you will possess the ability to lead and motivate a team, drive delivery performance and cultivate innovative processes as part of the delivery of this large programme.

Essential criteria:

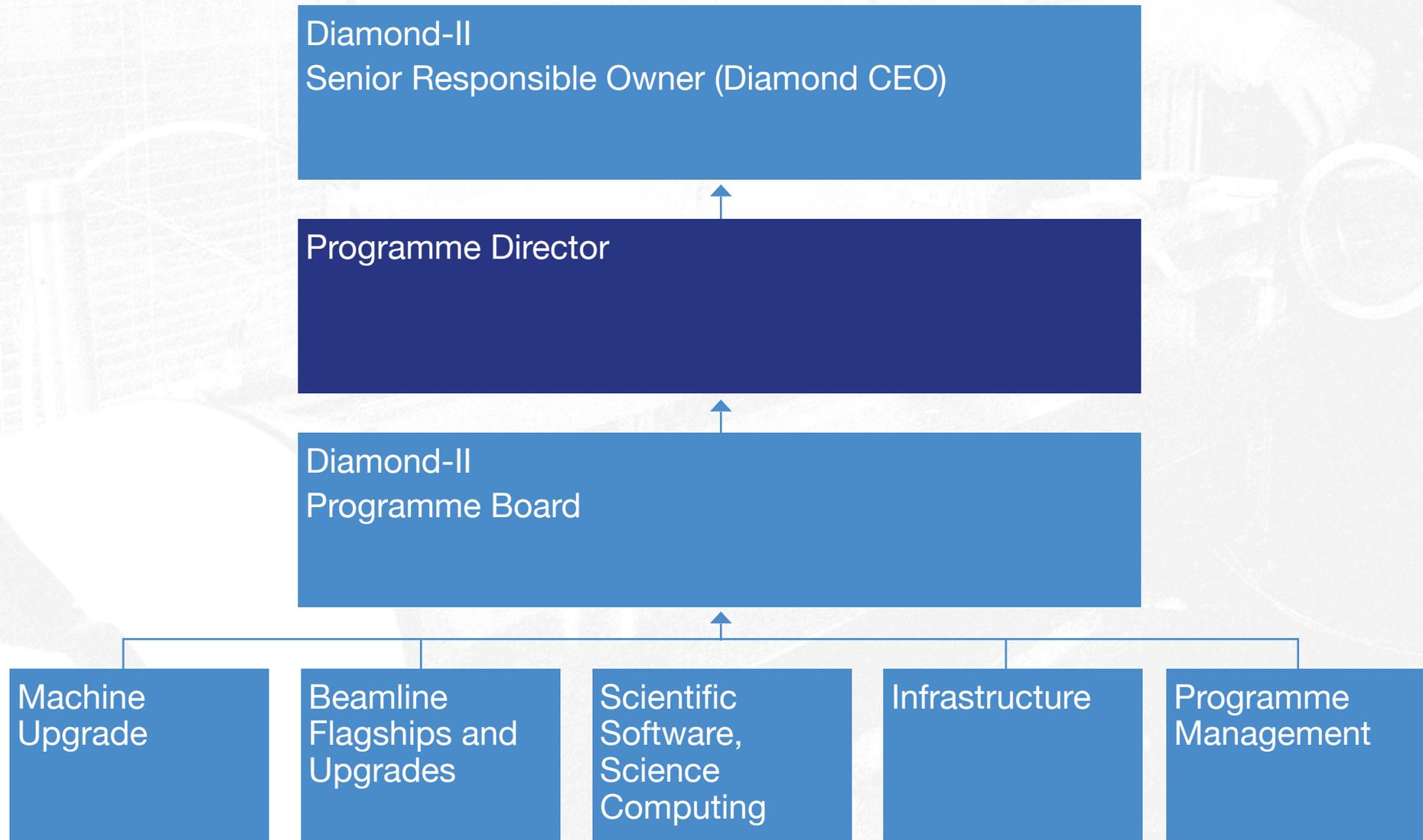
- Proven experience of managing and delivering complex, multi-disciplinary, multi-million pound major scientific or engineering projects spanning periods of years, ideally Government Major Projects Portfolio, including management/oversight of finances, resources, risk, change etc.
- Significant proven practical experience of modern project management tools and methodologies.

- Experience of working at the industry/academic interface.
- Experience of budgets, analysing figures and apportioning costs.
- Ability to foster teamwork and innovation and the ability and professional standing necessary to gain and retain the confidence of the programme team as a whole, across the range of subject areas and of scientific and managerial issues.
- Strong leadership and decision-making skills and ability to resolve conflicting issues.
- Proven ability to successfully direct and motivate high performing teams.
- Excellent interpersonal skills with the ability to build and manage internal and external relationships.
- Experience of managing change.

Desirable criteria:

- STEM degree or equivalent experience.
- Chartered Project Management Professional.
- Member of the APM or PMI or other project management related professional body.
- APMG Managing Successful Programme Practitioner or other relevant Project Management Methodology qualification.

The Diamond-II Structure of Work



Further Information

- This opportunity is on a 5-Year fixed term basis.
- We provide 25 days annual leave plus 13 days statutory and company holidays.
- An exceptional public sector pension scheme is available.
- Assistance with relocation and visa costs will be offered where applicable.
- Flexible working options are available including family friendly policies.
- There is access to a range of amenities on site including a nursery, sports and social activity, and a staff restaurant.
- We ensure a culture committed to being fully inclusive focused on our values (Innovation, Excellence, Collaboration, Integrity and Respect).
- An Employee Assistance Programme and various health and wellbeing initiatives are in place.
- A wide range of career development opportunities are available.

Deadline for applications:

30th January 2022

Interviews: Week commencing
14th February 2022.

To apply [click here](#)

For more information contact
recruitment@diamond.ac.uk

