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|  JOB DESCRIPTION |

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| POST TITLE | Senior Beamline Scientist (Generic) |
| DIVISION/DEPARTMENT  | Science |
| REPORTS TO | Principal Beamline Scientist | GRADE | 4 |

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| AIM |
| To collaborate with the Principal Beamline Scientist for the commissioning and operation of the beamline. Work closely with other scientists and support groups within Diamond to ensure smooth operation of the beamline providing beam time to the scientific user community. |

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| ACCOUNTABILITIES |
| 1. Provide operational support for the beamline, including responsibility for the day-to-day safe operation of the beamline, interact closely with the users of the facility;
2. Act as a single point of contact (Local Contact) for a proportion of user experiments providing specialist technical/scientific advice;
3. Lead the design, procurement, testing, installation and commissioning of some of the major beamline and support laboratory upgrade projects, including project management, budgetary and resource planning, management of contracts and liaison with suppliers;
4. Manage the day-to-day coordination of support groups at Diamond to implement beamline upgrade projects, to improve the quality of the beamline, develop solutions for emerging problems, and ensure its smooth operation;
5. Develop a well-identified independent scientific, technical or software research theme and become internationally recognized in this field of expertise;
6. Where agreed, supervise and train research scientists or students;
7. Advise on the development of data acquisition, visualization and analysis software and be involved in commissioning of new software;
8. Give advice to users on proposal submissions and help develop the user community;
9. Actively participate in beamline reviews including preparation of documentation, contributing to identify areas for improvement;
10. When required perform duties for the wider organisation: e.g. membership of interview panels, committees or working groups;
11. Promote Diamond externally; including for example public outreach activity and engaging with the scientific community;
12. Inform strategic planning for the long-term development of the beamline in areas of expertise;
13. Where appropriate, manage day-to-day spending for the beamline;
14. As agreed with the PBS take responsibility for the risk assessment process for certain pieces of equipment and take responsibility for the timely completion of required documentation.
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Because of the changing nature of our business your job description will inevitably change. You will, from time to time, be required to undertake other activities of a similar nature that fall within your capabilities as directed by management.