# **Job title:** Senior Dredging Consultant

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| **Qualifications and skills** | Essential | Desirable |
| Degree in a relevant field (e.g. civil engineering) | X |  |
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| **Knowledge and experience** | Essential | Desirable |
| 5+ years of commercial dredging industry experience including substantial experience on site, ideally with a dredging contractor | X |  |
| Knowledge of dredging project structure, roles, management and administration |  | X |
| Good technical knowledge of a wide range of dredging plant and its capability (including ancillary equipment) | X |  |
| Technical knowledge of geotechnics, hydraulic transport and capital / operational costs |  | X |
| Knowledge of dredging contracts and tender documents and tender process |  | X |
| Knowledge of the costing of dredging projects including knowledge of the CIRIA cost standards |  | X |
| Knowledge of dredging project health and safety | X |  |
| Good understanding of reclamation works including design and construction / implementation |  | X |
| Good knowledge and understanding of environmental aspects of dredging and sustainability including sediment plumes / suspended sediment concentration and integrating sustainability into project design and implementation |  | X |
| Good project management skills and experience | X |  |
| Knowledge and experience of programming |  | X |
| Experience of data analysis and reporting | X |  |
| Experience of vessel-based fieldwork | X |  |
| Worked in a range of environments both in the UK and abroad | X |  |
| Knowledge of measurement of dredging and reclamation works |  | X |
| Knowledge of deep sea mining |  | X |
| Experience of business development |  | X |
| Basic / intermediate level GIS skills |  | X |

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| **Personal attributes/behaviours** | Essential | Desirable |
| Skilled in planning in the short and long term, and managing changing priorities | X |  |
| Ability to work independently or as part of a team, take the initiative, find solutions and proactively drive progress | X |  |
| Good communication skills, written and verbal | X |  |

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| Excellent organisational skills with the ability to prioritise a demanding workload with multiple deadlines | X |  |
| Resilient, highly motivated, with the ability to stay calm under pressure | X |  |
| Excellent attention to detail and a strong desire to produce high quality work consistently | X |  |
| High levels of numeracy with strong analytical skills and problem-solving abilities |  | X |
| Good report writing skills | X |  |