PERSON SPECIFICATION
Research Associate
Vacancy Ref: A2888

Criteria	Essential / Desirable	Application Form / Supporting Statements / Interview*
Should demonstrate knowledge in: Mathematical Modelling, Integer Programming, Heuristic Algorithms.	Essential	Supporting Statements / Interview
A PhD (or within three months from the completion of their PhD) in Operational Research, Computer Science, Mathematics, Engineering or a related discipline	Essential	Application Form
Excellent computer programming skills	Essential	Supporting Statements / Interview
Familiarity with Operational Research Applications in Transportation and Logistics (preferably in Aviation and Rail Transportation)	Desirable	Application/supporting statements/interview
Publications record appropriate to stage of career including research publications in peer-reviewed journals	Desirable	Application Form
Ability to work both independently and as part of an interdisciplinary research team	Essential	Supporting Statements / Interview
Ability to present their work to a specialist audience	Desirable	Supporting Statements / Interview
Proven communication skills with non-specialist audiences	Desirable	Supporting Statements / Interview
Ability to present information in an accurate and appropriate format	Essential	Application Form
Candidates must be willing to travel according to project needs (short visits)	Essential	Supporting Statements / Interview
Experience in analysis and interpretation of research results and work with large databases	Desirable	Supporting Statements / Interview
Experience in managing projects	Desirable	Supporting Statements / Interview
To convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form
Uses appropriate styles and arguments to influence and negotiate satisfactory outcomes	Desirable	Interview
Preparation of new studies including submissions for grants and obtaining external agreements such as ethical approval	Desirable	Application Form / Interview

* Application Form – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence e.g. award of a PhD. Will be "scored" as part of the shortlisting process.

Supporting Statements – applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be "scored" as part of the shortlisting process.

Interview – assessed during the interview process by competency-based interview questions, tests, presentation etc.