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Ref: **DOB/RESEARCH/R-296-000-151-133**

## **Opening for Research Assistant – Green Infrastructure and Facility Management**

Job Title: Research Assistant

Date posted: Immediately until fulfilled

Period of employment: 1 year contract (potential to be renewed to maximum 3 years)

Duties and responsibilities:

The candidate will conduct research-related activities such as:

- Conduct building performance tests, run energy simulations for buildings, and perform life cycle environmental assessment;
- Able to understand and use engineering economics, mathematical models, statistics, and management decisions to solve problems;
- Conduct field trips and interviews with project stakeholders;
- Summarize results from experimental tests and theoretical calculations;
- Write research reports and publish academic papers;
- Be ready to learn new skills, software and knowledge necessary to perform the research.

Requirements:

- A master degree, or a near-graduation master student in engineering or science fields (e.g. civil and environmental engineering, electronic and information system, project and engineering management, computer science, or statistics);
- An excellent academic track
- Good scientific writing and communication skills.

Preference given to the candidates who have following experience or knowledge:

- Strong publication record in international peer-reviewed journals;
- Experiences and knowledge about sustainable and environmental assessment;
- Work experience in the academics or construction-related industries;
- Computing and database experiences (such as Matlab, STATA, R, and web development).

Remuneration:

- Salary will commensurate with the candidate's qualification and experience (2,500-3,500 per month).
- Bonus depending on the annual performance evaluation
- The successful candidate may be offered an opportunity to pursue a PhD degree with the Department of Building during on a part-time basis

Contact details for further information:

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