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

Research Assistant – Green Infrastructure and Facility Management

Job Title: Research Assistant

Date posted: Immediately (After Jan, 2015)

Period of employment: 12 month with possibility of extension

1. Duties and responsibilities:

   The candidate will conduct research-related activities such as:
   • Conducting building and infrastructure environmental impact analysis;
   • Able to use engineering economics, management models, statistics, project financing models;
   • Conducting field trips and interviews with project stakeholders;
   • Summarizing results from research tests, mathematical models and field experiments;
   • Writing research reports and publish academic papers;
   • Be willing to learn new skills and knowledge necessary to perform the research works.

2. Requirements:

   • Good engineering or science master degree (e.g. civil and environmental engineering, electronic and information system, computer science or statistics);
   • Programming and database experiences (such as Matlab, STATA, SPSS);
   • Good scientific writing and academic publication skills.

3. Candidates with the following experience or knowledge will be specially preferred:

   • Publication record in peer-reviewed journals;
   • Sustainable and environmental assessment for buildings and infrastructure projects;
   • Work experience in the academics or relevant industries.

4. Remuneration:

   • Salary will commensurate with the candidate’s qualification and experience.

5. Contact details for further information:

   • Dr Lu Yujie; luy@nus.edu.sg ; +65 6516 5894