Opening for Research Assistant – A study of the Effect of Applying Collaborative Briefing Approach to Construction Briefing in Singapore

Job Title: Research Assistant

Date posted: July 22, 2013

Period of employment: Maximum 36-month contract commencing on 1st October 2014

Duties and responsibilities:

The successful candidate will contribute to the research activities related to the development of a Web-based Asynchronous Team Collaboration Tool to facilitate the implementation of Stakeholder Engagement in Construction Briefing. The candidate shall work under the supervision of the Principle Investigator to conduct academic developmental work, such as:

- Conduct literature review;
- design a group decision making model based on value analysis and agent-based modelling;
- develop a web-based team collaboration platform with the assistance from a programmer;
- design and conduct field studies and experimental studies; and
- summarise and report findings.

Requirements:

- A master degree in construction related discipline or computer science;
- an excellent academic track record is essential;
- strong English written and oral communication skills;
- strong problem solving skills; and
- strong self-discipline and able to work independently.

Remuneration:

- Salary will commensurate with the candidate’s qualification and experience;
- the successful candidate may be offered an opportunity to pursue a PhD degree with the Department of Building during on a part-time basis during the three year contract period; and
- tuition fee concessions will be offered by the University.

Other Details:

Candidates with the following experience or knowledge will be preferred:

- Web application programming / agent-based modelling technique;
- design management / stakeholder management experience;
- Statistical analysis technique;
- scientific writing experience; and
- work experience in Singapore’s construction industry.

Contact details for further information:

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