THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF BUILDING AND REAL ESTATE

Post Specification

Postdoctoral Fellow / Research Associate / Research Assistant
[Appointment period: twelve months initially, with possibility of further appointment] Duties

The appointee will assist the project leader in the research project - “Smart noise logger-based leak diagnosis system”. He/She will be required to:

(a) perform research task as required for the project;
(b) undertake training on specific scientific skill for utilization in the project;
(c) supervise, maintain and uphold the smooth running of the data collection; and
(d) perform any other duties as assigned by the project leader.

Qualifications

Applicants for the Postdoctoral Fellow post should have a doctoral degree or an equivalent qualification in Construction Engineering, Construction Management, or Civil Infrastructure Management. Possesses track record of publications and/or professional activities in the field.

Applicants for the Research Associate post should have a master’s degree or an equivalent qualification in Construction Engineering, Construction Management, or Civil Infrastructure Management.

Applicants for the Research Assistant post should have an honours degree or an equivalent qualification in Construction Engineering, Construction Management, Civil Infrastructure Management, or Civil Engineering.

Applicants should also:

(a) have at least two years of research/relevant experience in Construction Engineering, Construction Management, or Civil Infrastructure Management;
(b) have basic knowledge of coding such as C#, C++, Java;
(c) Knowledge on signal processing, acoustic or vibration, is a plus. Previous experience on dealing with noise loggers, micro-electro-mechanical-sensors (MEMS), or hydrophones is a plus.
(d) have strong analytical skills, good interpersonal and communication skills;
(e) be highly motivated, committed and can work independently; and
(f) have a good command of both written and spoken English and Chinese is a plus.
(g) have high level of English technical writing proficiency.

Applicants are invited to contact Prof. Tarek Zayed at tel no. 2766 5812 or email tarek.zayed@polyu.edu.hk for further information.

Remuneration

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

17 October 2019