

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF BUILDING SERVICES ENGINEERING

Post Specification

Research Assistant (Ref. 19012506)

[Appointment period: two posts, each for three to twelve months]

Duties

The appointees will assist the project leader in the research project - “The investigation of the multi-objective optimal zero-energy buildings with high energy flexibilities in Hong Kong”. The main research themes are relating to the zero energy/emission buildings, building energy technology, renewable energy systems, HVAC technology, and advanced energy and storages.

Qualifications

Applicants should have:

- (a) an honours degree, preferably a master’s degree, or an equivalent qualification in the field of HVAC Technology, Energy Engineering, Thermodynamics and Heat Transfer, Building Energy Technology, Mechanical Engineering, Environmental Engineering or Applied Physics;
- (b) good experience in building energy simulation, preferably TRNSYS;
- (c) a good command of English language, especially for academic writings and presentations; and
- (d) good academic and publication records.

Preference will be given to those with a satisfactory IELTS or TOEFL score.

Applicants are invited to contact Dr Sunliang Cao at tel no. 2766 5837, fax no. 2765 7198 or email sunliang.cao@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.

25 January 2019