

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### Post Specification

**Postdoctoral Fellow / Research Associate / Research Assistant** (Ref. 19030609)

**[Appointment period: six to twelve months initially, with possibility of further appointment]**

### Duties

The appointee will assist the project leader in the research project – “Reliability-based intelligent transportation systems in urban road network with uncertainty”. He/She will be required to conduct system development and data mining related to intelligent transportation systems (ITS).

### Qualifications

Applicants for the **Postdoctoral Fellow** post should have:

- (a) a doctoral degree in Transportation Engineering, Computing Science, Mathematics or an equivalent qualification in a related field and must have no more than three years of post-qualification experience at the time of application; and
- (b) relevant research experience in computer system development (software and/or hardware) for ITS, solution algorithms for ITS and path finding problems, data mining and/or machine learning, etc.

Applicants for the **Research Associate** post should have:

- (a) a master's degree in Transportation Engineering, Computing Science, Mathematics or a related field; and
- (b) relevant research experience in computer system development for ITS, solution algorithms for ITS, data mining and/or machine learning, etc.

Applicants for the **Research Assistant** post should have:

- (a) a good honours degree in Transportation Engineering, Computing Science, Mathematics or a related field; and
- (b) relevant research experience in computer system development for ITS, solution algorithms for path finding problems, data mining and/or machine learning, etc.

Applicants are invited to contact Ir Prof. Lam Hing Keung William at tel no. 2766 6045, fax no. 2334 6389 or email [william.lam@polyu.edu.hk](mailto:william.lam@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.

6 March 2019