

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING

Post Specification

Project Assistant / Project Technical Assistant (Ref. 12020602)

[Appointment period: three months initially, with possibility of further appointment]

Duties

The appointee will assist the project leader in the project - “The design of an n-tier distributed business intelligent architecture for carpark service system”. He/She will be required to assist in:

- (a) conducting research in wireless sensor network systems;
- (b) development and implementation of the systems with industrial partners to achieve research output;
- (c) system design, feasibility studies and technical evaluation according to the project’s objectives and work plans; and
- (d) hardware and software integration, interface design and programming of wireless devices.

Qualifications

Applicants for the **Project Assistant** post should have an honours degree or an equivalent qualification.

Applicants for the **Project Technical Assistant** post should have a higher diploma or an equivalent qualification.

The degree / higher diploma should be in the discipline of Electronic Engineering or Computer Science.

Applicants for both posts should:

- (a) have experience in or knowledge of basic hardware interface of digital systems and embedded development systems, such as 8085 etc;
- (b) be an independent researcher as well as a good team player;
- (c) have experience in wireless sensor network technology, sensor node hardware technology and wireless sensor communication links; and
- (d) be proactive and able to work under pressure.

Preference will be given to those with knowledge of assembly language programming and who are immediately available. Candidates with some of the required experience specified above will be considered for the post of Project Technical Assistant.

Applicants are invited to contact Dr W.H. Ip / Miss Meina Cheng at tel no. 2766 6602 / 2766 6613, fax no. 2362 5267 or email mfwhip@inet.polyu.edu.hk / mfmeina@inet.polyu.edu.hk for further information.

Remuneration

Salary offered will be commensurate with qualifications and experience. Applicants should state their current and expected salary in the application.

6 February 2012