



Land Surveying Division

Sr Dr Conrad Tang LSD Council Chairman

Professional Services Advancement Support Scheme (PASS) LSD Approved for HK\$1.93 million

This column reported in June 2017 that the LSD applied for government funding to promote its professional services in Belt and Road countries. After two submissions with many amendments and updates, PASS awarded \$1.93 million to the HKIS; 10% of which would be HKIS-supplied. Our President, with the approval of the Executive Committee, has signed the Institute's reply to the Government.

Certainly I am grateful for this precious gift from the Government, yet I also feel vigilant about a vast list of promotional activities. The LSD has to produce its advanced technical promotional products in UAV-generated, urban 3D modelling and remote-sensing applications for urban development and natural resource reservations. It shall seek and translate the national surveying practice rules and qualifications of the targeted One Belt One Road (OBOR) partners and, of course, introduce its system to them.

In the next two years, the LSD will attend four OBOR promotional activities in China, Kazakhstan, Sri Lanka, and Pakistan. It will also host an international conference in Hong Kong that focuses on OBOR surveying services, along with three workshops to introduce the promotional contents to its practitioners.

Membership

After announcing the exemption of the two-year professional training period for LSD probationers in December 2017, I received several inquiries from interested members. I answered that the LSD has received sole approval from the Board of Education to allow the LSDEC to grant a maximum of two years of professional training exemption to each probationer. That means one could attend the APC1 written examination and a professional interview with a submitted project. There is no need to record the professional training details as before.

The updated Application for the APC1 states that a probationer could apply for no exemption, one year's exemption, or two years' exemption from undertaking professional training. At this moment, the most readily acceptable professional experience is with the RICS. However, the LSDEC would consider other relevant experiences – as long as the applicant submits evidence of them.

After one land surveyor of a brother institution inquired about the procedure of applying for probationer training with the exemption, I replied that one must apply to the Board of Membership to join as a probationer. Meanwhile, the LSDEC shall proceed with the approval process of the training experience exemption.

General practitioners have mutually recognised the professional qualifications for prospective corporate members, while the LSD prudently proceeds with the task of recruiting them. There are voices that state that the LSD Council should seek a full corporate member vote for such a decision. I shall update members once the Council decides on this issue in the near future.

廣東省國土資源廳到訪 香港測量師學會

廣東省國土資源廳副廳長楊林安先生率領省測繪院的同事訪問香港，2月7日上午訪問地政總署測繪處，下午來訪香港測量師學會。會議期間，楊廳長表示國家測繪局於2020年底落實中國測繪師的登記制度，並鼓勵香港的測繪同事參與考核申請。雙方同意進一步向廣東及香港澳門特區的同事介紹中國測繪師的考核內容及培訓課程。現定於今年秋季於廣東雲浮市召開港澳測繪會議，使區內進一步了解測繪制度的進展。

土地測量組別的會員，尤其是年青的專業會員和見習會員，應重視中國的測繪師資格。現今國內上萬的測繪單位只有半數的測繪師，期望香港的年青會員努力爭取這個發展機會。

現請各位有興趣參與今年秋季於雲浮市召開的測繪會議，發電郵至 lsd@hkis.org.hk 以便土地測量組理事會安排聯絡及事前擬定會議的內容細節。



前排中間四位為，由左至右，香港測量師高級副會長梁家棟博士測量師、香港測量師學會會長郭岳忠測量師、廣東省國土資源廳副廳長楊林安及廣東省國土資源廳測繪管理處處長張玉平。

RECRUITMENT

Professional Services Advancement Support Scheme

Reference Number: PS173005

Project Title: Land Surveying Technological Services for Smart City Development in Belt and Road Countries – Mainland China, Sri Lanka, Pakistan, and Kazakhstan

The project seeks to hire three Research Assistants.

Qualifications: A degree in Geomatics or a relevant engineering field, such as electronic or computer science, is necessary. A master's or higher degree in a technical field is preferred.

The Research Assistants will each be offered a 12-month contract. The first Research Assistant (RA) will develop web tools to visualise, share, and analyse 3D objects. S/he should have some knowledge of online 3D tools that employ technologies such as ThreeJS, Openlayers, Cesium, WebGL, HTML5, and the like.

The second RA will work in remote sensing applications and the third RA will work on the collections of survey laws and regulation data possessed by each Belt and Road country.

All RAs may be asked to perform project demonstrations in the abovementioned Belt and Road Countries. Hotel and airfare will be provided by the Government.

Salary: \$22,500/month plus 5% allowance to contribute to the RA's personal MPF account, along with a matching 5% from the employer.

REQUIREMENTS

- Proven experience with popular 3D engines (e.g. Unity, ThreeJS, PotreeJS)
- Excellent knowledge of web standards: HTML5, CSS3, JavaScript, DOM, WebGL, WebGPU, WebVR
- Excellent knowledge of modern software engineering principles and techniques (e.g. continuous delivery, code reviews, test-driven development, refactoring, incremental delivery, effective git)
- Good sense of user experience and usability
- Strong analytical, assessment, and problem-solving skills
- Excellent written and spoken English communication skills
- Experience with map technologies (e.g. Openlayers, Google Earth, Cesium, Web-GIS)

Please submit your application by email to lsd@hkis.org.hk. Interview will be arranged. The earliest starting date is 1 April 2018.