

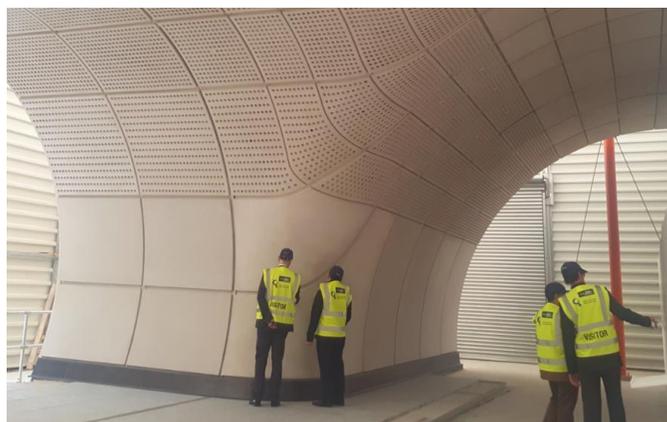
FOR IMMEDIATE RELEASE

Tiong Seng partners with UK's industry leading construction company Laing O'Rourke to explore the use of 3D printing technology for construction

- Signs memorandum of understanding with Laing O'Rourke in a collaborative effort to further develop and utilise 3D construction printing and enhance the Group's current suite of technologies
- Leveraging on Laing O'Rourke's proprietary FreeFAB™ technology, the Group will explore 3D printing for construction that will allow complex concrete building components to be designed more cost effectively with shorter lead times

SINGAPORE – 24 September 2018 – Mainboard-listed construction group and property developer, **Tiong Seng Holdings Limited (长成控股)** ("**Tiong Seng**", together with its subsidiaries, "**the Group**"), is pleased to announce the signing of a memorandum of understanding with **Laing O'Rourke** to further the development and utilisation of 3D printing technology for the construction industry. With an annual turnover of approximately £3.2 billion and a total of 15,273 employees¹, Laing O'Rourke has helped forge cities, communities and economies.

Leveraging on Laing O'Rourke's proprietary FreeFAB™ technology, the Group will explore 3D printing for construction that allows complex building components and prototypes to be designed and fabricated in a cost-effective manner with shorter lead times. FreeFAB™ has also enabled the creation of unique designs and shapes of structure formerly unattainable through conventional methods.



Mock-up curved concrete panels produced using FreeFAB™ technology

¹ Laing O'Rourke's Annual Report for the year ended on 31st March 2017

One of Laing O'Rourke's highest profile and most notable infrastructure projects in Britain, the Crossrail and its core Elizabeth line, feature curved concrete panels that line the roof and glide around corners never seen before on such a scale. Harnessing its FreeFAB™ 3D printing technology, Laing O'Rourke was able to achieve a high degree of control over the geometry and finished form of the precast components.

Encompassing a combination of both 3D printing and five-axis surface milling that is ideally suited to off-site precast facilities, Laing O'Rourke's FreeFAB™ technology supports the Group's manufacturing-for-construction approach. With the adoption of re-useable wax as the medium for printing, the technology will also dramatically reduce the carbon footprint from production and support the Group's commitment to environmental sustainability.

Speaking on this latest development, **Mr Pek Lian Guan (白連源), CEO of Tiong Seng Holdings Limited** commented, *"Staying one step ahead of the curve, Tiong Seng has always been an early adopter of innovative construction technologies. Our partnership with Laing O'Rourke is a natural progression for the Group as we look to continually enhance our suite of construction capabilities. We are delighted to be partnering with industry leader Laing O'Rourke, leveraging on their world-class expertise which spans the full range of engineering and construction offerings alongside its proprietary FreeFAB™ 3D printing technology. This is just the beginning of a long-term partnership which will bring the next wave of technological revolution in the form of 3D printing to the construction industry."*

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About Tiong Seng Holdings Ltd.

Tiong Seng is principally engaged in building construction and civil engineering in Singapore, and property development in both China and more recently in Singapore as well.

With an established track record of over 59 years, Tiong Seng is one of the leading building construction and civil engineering contractors in Singapore. It holds the highest grading of A1 from the Building Construction Authority of Singapore (BCA) for both general building and civil engineering, which qualifies the Group to undertake public sector construction projects with unlimited contract value.

Tiong Seng's property development business focuses on developing residential and commercial projects in various second- and third-tier cities in China. The Group has successfully developed properties in Tianjin, Suzhou and Yangzhou and currently has four on-going projects in the Bohai Economic Rim, which is one of the main economic zones in China.

Issued on behalf of Tiong Seng Holdings Ltd. by: Financial PR

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