



**Company(ies) :** Bouygues Thai Ltd.  
**Owner :** Impact Exhibition Management Co., Ltd.  
**Architect :** Pacific Architecture and Planning Co., Ltd.  
**Engineering consultant :** Stonehenge Co., Ltd.

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**Subsidiary(ies) :** Freyssinet Thailand - Menard

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**Beginning of works :** 08/2004  
**End of works :** 12/2005

**Description of the work :**

Impact Challenger is an interconnection halls. The total area of free space is 60,000 m<sup>2</sup> with column free space. The building is reinforced and post-tensioned concrete frame. The suspended slab is post-tensioned with banded beam system, typically 220mm thick slab and 700mm depth band beam. The total floor area of post-tensioned slab is approximately 70,000 square meter.

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**Freyssinet mission :**

Freyssinet (Thailand) were awarded the tender, which included supply and installation of post-tensioning and preparation of shop drawing. Freyssinet (Thailand) worked closely with the Bouygues-Thai and Stonehenge in order to co-ordinate the design interfaces and the building services.

