



## Lum Chang Building Contractors Pte Ltd

(Category 1: Turnover  $\geq$  S\$100 million)

★ Best VAP Builder & Best VAP Improvement Builder

### Key Features:

- Emphasise on adoption of technology and good practices to enhance constructability and thereby productivity. For example,
  - Adopting system formwork and aerial platforms, using cast-in conduits for lighting to reduce labour; and
  - Carrying out front-end planning to simplify construction.
- Emphasise on upgrading workforce capability by retaining and building up a core in-house team of qualified professionals and skilled tradesmen, thereby optimising human resources. This resulted in an increase in the number of PMETs employed from 25% to 40%.



## Sembawang Engineers and Constructors Pte Ltd

(Category 1: Turnover  $\geq$  S\$100 million)

★ Best VAP Builder & Best VAP Improvement Builder

### Key Features:

- Have a business centred on creativity and innovation and handle niche complex building and CE projects.
- Spearhead productivity by engaging in high value-added activities such as project and construction management and retains highly specialised works like tunnel boring.
- Embrace technology advancement such as use of Building Information Modelling (BIM) software, customised Blackberry for tracking and monitoring of projects and Oracle e-Business Suite.
- Develop talent management initiatives, mentorship and leadership programmes to groom potential leaders to nurture and retain talent within the organisation.



## Lian Soon Construction Pte Ltd

(Category 2: Turnover  $<$  S\$100 million)

★ Best VAP Builder & Best VAP Improvement Builder

### Key Features:

- Have a sustainable business model with related companies in place to control costs, maximise equipment usage and resources, and control / monitor quality of products and services provided.
- Implement talent retention policy and succession/contingency plans. Initiatives to encourage knowledge development and sharing are in place.
- Emphasise strongly on professional development for staff.
- Investment in technology over the years which translates into cost savings, e.g. investment in Peri-Up T70 scaffolding system, telescopic equipment and rough terrain cranes to increase productivity, implementation of thumbprint security and surveillance system for monitoring of manpower.



## Gammon Pte. Limited

(Category 1: Turnover  $\geq$  S\$100 million)

★ Best VAP Builder

### Key Features:

- Maximise productivity through design, planning, management, early value engineering and innovation
- Invest in employee training
- Adopt technology for increased work efficiency and lesser re-works which result in higher productivity and better quality works. For example,
  - Use of casing rotator instead of conventional pile boring rig to reduce pile installation duration;
  - Use of customised GPS (Global Positioning System) to verify complete removal of underground granite boulders; and
  - Use of ductless fan system which significantly reduced the amount of ductworks required for construction of ITE College West's car parks.



## Antara Koh Pte Ltd

(Category 2: Turnover < S\$100 million)

★ Best VAP Builder

### Key Features:

- Develop a core business that focuses on high end civil engineering works such as deep foundations for bridges and marine structures, and manages related trades such as the supply of precast concrete elements, M&E works and top-side, piping and steel structures.
- Design and build own construction plants and equipment to suit specific works and maximize productivity. Invest in custom built heavy plants such as large crane barges with up to 350 tons lifting capacity and self-designed drilling equipment such as the Reverse Circulation Drill (RCD).
- First marine piling contractor to equip piling barge with the Real Time Kinematic (RTK) Global Positioning System (GPS) receivers in May 1997, for increased accuracy compared to conventional surveying techniques as well as manpower savings as piling can be conducted at night and in all weather conditions.



## Expand Construction Pte Ltd

(Category 2: Turnover < S\$100 million)

★ Best VAP Builder

### Key Features:

- Emphasise on working closely with business partners and focuses on team work with top-down driven approach for continuous improvement and high productivity.
- Achieve overall competitive edge by investing in value-added work methods as well as nurturing sub-contractors.
- Impart knowledge and soft skills through management and site meetings.
- Monitor productivity goals on-site by project managers.
- Adopt precast construction methods which led to productivity gains in terms of less workers, supervisors, inspectors, planners and coordinators used.
- Adopt mast climbing working platform in place of conventional external scaffolding system.



## Guan Ho Construction Co. Pte Ltd

(Category 2: Turnover < S\$100 million)

★ Best VAP Builder

### Key Features:

- Focus on people development and continual training to execute the job more efficiently.
- Deploy state of the art construction techniques and technologies to improve productivity, formwork such as adoption of Aluma Frame modular tower formwork system, Steel I-Beam with structural steel decking, Mechanical Elevated Working Platform (MEWP) and hydraulic pump truck for concreting operation.
- Develop three core competencies: leveraging innovation; continual improvement in people and work processes; and efficient operation of construction site.
- Establish a Design and Technical Department to address the challenges faced in every project and devise buildable construction approaches and methods to enhance productivity.