



Keith Toh
Principal Director

Keith Toh, a Mechanical Engineering graduate (honors 2nd upper), holds the position of Principal Director at I-LAB ENGINEERING, overseeing the successful execution of laboratory construction projects. With extensive experience in project management and a focus on client collaboration, he ensures tailored solutions that meet high-quality standards.

I-LAB ENGINEERING

Leading the Way in Cutting-Edge Facility Design & Construction

Laboratories are essential for advancing scientific research and innovation across various fields. To meet the increasing demand for knowledge, advanced laboratory facilities are being constructed with meticulous planning, innovative design, and cutting-edge technologies. Understanding the sector's dynamics is crucial for meeting client expectations. I-LAB ENGINEERING stands out in this dynamic landscape by providing innovative solutions that not only meet client needs but also add significant value to their projects. "While some contractors focus on just fulfilling obligations, I-LAB goes the extra mile by conducting thorough due diligence to identify and address potential issues through early engagement. The company takes immense pride in its unwavering commitment in delivering high-quality outcomes by proactively tackling challenges (such as site constrain, engineering details, schedule and even during COVID period) and leveraging its deep expertise", speaks Keith Toh, Principal Director.

Since its establishment in December 2006, I-LAB ENGINEERING has achieved remarkable progress within the industry. The company's services have expanded significantly from architectural work to full design & build capability including maintenance. Through diversification of capabilities, I-LAB adeptly manages and executes projects across different industries such as Pharmaceutical, Healthcare, R&D facility, and more.

Expert Issue Analysis & Resolution

I-LAB ENGINEERING specializes in constructing facilities requiring special stringent requirements from airflow, temperature, humidity and quality of finishes. Distinguishing itself through its responsiveness and adaptability, the

company primarily serves clients in the pharmaceutical, healthcare and R&D sectors, undertaking diverse projects such as pharmaceutical clean rooms, R&D labs, bio labs, containment labs, and operating theaters. Collaboration with specialized design consultants during the crucial design phase is paramount, prioritizing successful project outcomes and placing a strong emphasis on meeting requirements to deliver high-quality results.

I-LAB ENGINEERING takes immense pride in its unique strengths, exemplified by notable industry achievements. Detailed design holds a critical role in I-LAB ENGINEERING's projects, carefully considering various factors, including site constrain and constructability issues to meet project intent and end results through commissioning. Leveraging its expertise in detailed design, the company effectively analyzes and resolves issues, making significant contributions to project success. "Collaboration with clients and consultants remains a priority, even when I-LAB ENGINEERING acts as the Bid & build contractor, engaging in negotiations and adjustments to align projects details with client is our priority", adds Keith Toh.

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I-LAB ENGINEERING
*envisions becoming
the industry's foremost
contractor, renowned
for its expertise &
contributions*

I-LAB ENGINEERING excels in delivering tailored solutions by conducting comprehensive assessments and effectively managing risks. Through partnerships with consultants or larger entities, and ensure successful project execution. With a skilled team assembled after determining competitive bidding prices, I-LAB ENGINEERING pays careful attention to meeting client expectations throughout the construction process, from completion to ongoing maintenance. The company's

meticulous planning enables seamless coordination between construction, commissioning, and operations, and allocates additional manpower for commissioning as the project nears completion. Through training sessions and maintenance services, I-LAB ENGINEERING upholds high-quality standards and formally hands over facilities to clients.

Fostering a Collaborative & Unified Work Environment

I-LAB ENGINEERING takes great pride in its dedicated and committed employees who drive the company's success. With 'focus and deliver' as its mission statement, I-LAB ENGINEERING concentrates its efforts on specific projects, ensuring exceptional outcomes. Despite its modest size, the company fosters a culture of teamwork and unity, with an experienced core team and a strong institutional knowledge base. The company's success is attributed to sound financial management, comprehensive personnel support, and successful project acquisition. I-LAB ENGINEERING excels in meeting client expectations for facility performance and collaboration with design consultants. With internal engineering, commissioning, and maintenance teams, I-LAB ENGINEERING offers comprehensive turnkey solutions. By strategically selecting projects they can effectively manage, I-LAB ENGINEERING consistently delivers high-quality results, setting them apart in the industry. I-LAB ENGINEERING takes great pride in notable projects that have solidified its reputation in the industry. These include the construction of Singapore's largest operating theatre, the exclusive construction of the country's largest vivarium, the distinction of being the largest government Good Manufacturing Practice (GMP) facility builder and finally being the only D&B high level Containment laboratory (BSL3/ABSL3) as main contractor. These achievements have positioned I-LAB ENGINEERING as a frontrunner in the sector.

I-LAB ENGINEERING envisions to become industry's foremost specialist contractor to serve both the public and private sector. "This can only be achieved through what we believe in delivering the best to our customers within our means by not short-changing in quality and time. While overseas expansion is not currently a priority due to the labour intensive nature of our project, I-LAB ENGINEERING harbours aspiration of establishing an international presence aligned with its core purpose in the future", concludes Keith Toh. [ABO](#)