



Company Overview

Lighthouse Engineering Pty Ltd specialises in the design, fabrication, refinement, and installation of steel components for buildings throughout Western Australia and beyond.

With over a decade of experience, we deliver cost-effective and reliable metalwork solutions, encompassing both structural and architectural steel, for a diverse range of construction projects.

Regardless of the project size, our state-of-the-art engineering and fabrication operations ensure we are involved from the outset. When it's time for installation, we guarantee our high-quality steel components are delivered on time and within budget.

Lighthouse Engineering is your trusted partner in the structural steel industry.

Company Details



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lighthouseengineering.com.au



59 156 142 979



FMG HME Workshop

Our Purpose

Steel is the structural backbone that holds the 'built world' together, ensuring stability and security. At Lighthouse Engineering, we understand that getting this right is paramount.

Our mission is to provide clients with state-of-the-art design and manufacturing solutions for all their steel fabrication needs. Our team of experienced engineers and creative professionals excels in 3D modelling, fabricating, and erecting steel superstructures, as well as crafting aesthetically pleasing architectural steel.

Our extensive portfolio includes a wide range of projects such as industrial structures, airport terminals, educational institutions, train stations and rail projects, hospitals, residential towers, hotels, bridges, and other unique modular constructions.

Choose Lighthouse Engineering for reliable, innovative, and high-quality steel solutions.



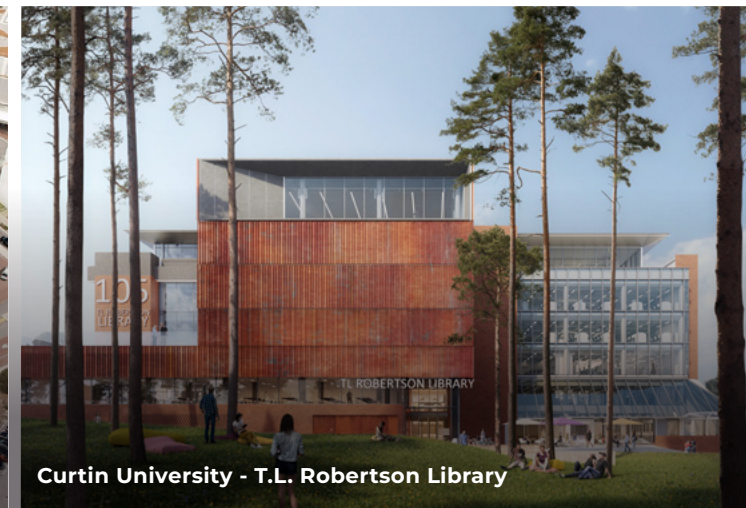
Smart Freeway Gantries



FMG HME Workshop



Murdoch Health & Knowledge Precinct



Curtin University - T.L. Robertson Library

Our Services

At Lighthouse Engineering, we transform raw materials into precisely cut, drilled, trimmed, and refined structural steel tailored to your exact design specifications.

Our metalwork is integral to erecting structures, raising roofs, and securing curtain walls. We understand that meticulous planning is essential long before the foundation is poured.

We collaborate with you to draft plans that align with your vision, then initiate a manufacturing process designed to produce the steelwork necessary to bring your plans to life. Finally, our construction team ensures all components are seamlessly assembled.

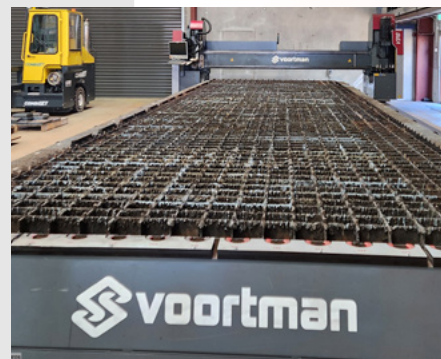
Lighthouse Engineering takes pride in delivering high-quality steel structures, ensuring every project we undertake stands the test of time.

At Lighthouse Engineering, we harness cutting-edge CNC steel processing technology to ensure unparalleled precision and efficiency in every project we undertake.

Our advanced equipment lineup features the Voortman V361+VB1050 Beam Line, V600 Drill Line, V310 CNC Plasma/Oxy/Drill/Mill Machine, and the Wheelerbrator Shot Blasting Machine. These state-of-the-art tools enable us to deliver exceptional quality and accuracy, meeting the highest industry standards.

By integrating the latest technological advancements, we streamline our processes, reduce lead times, and enhance the overall quality of our steel fabrication. This commitment to innovation allows us to tackle even the most complex projects with confidence and expertise.

Choose Lighthouse Engineering for your steel fabrication needs and experience the difference that precision technology and dedicated craftsmanship can make.



Engineering and Consultancy

Our expert team collaborates with you at every stage of your project. We offer a comprehensive range of engineering services, including design coordination, project management, 3D modeling, and support. Our value engineering approach ensures we minimize costs without compromising the integrity of our structural steel.



CNC Steel Processing

We provide advanced steel processing services for engineering companies, utilizing the latest software for nesting and processing steel stock (UB, UC, WB, WC, PFC, RHS, SHS, CHS, EA, UA, and Plates). Our state-of-the-art machines are capable of scribing, drilling, hole slotting, milling, and bevelling.



Fabrication, Welding, and Surface Treatment

Our skilled tradesmen are qualified to handle complex fabrication and welding tasks, including stick steel, modular frames, 2D frames, and plate works. We ensure high-quality results for all your steel fabrication needs.



On-Site Steelwork Installation

For on-site steelwork installation, we manage the unloading and assist with the installation process. This service is provided by a select group of rigging companies with whom we have partnered for over 12 years, ensuring reliable and efficient service.



Industries We Serve

Our extensive experience encompasses significant projects in the Defence sector, infrastructure development, medical and educational complexes, as well as large-scale commercial and hospitality ventures.



Defence



Resources



Marine



Education



Infrastructure



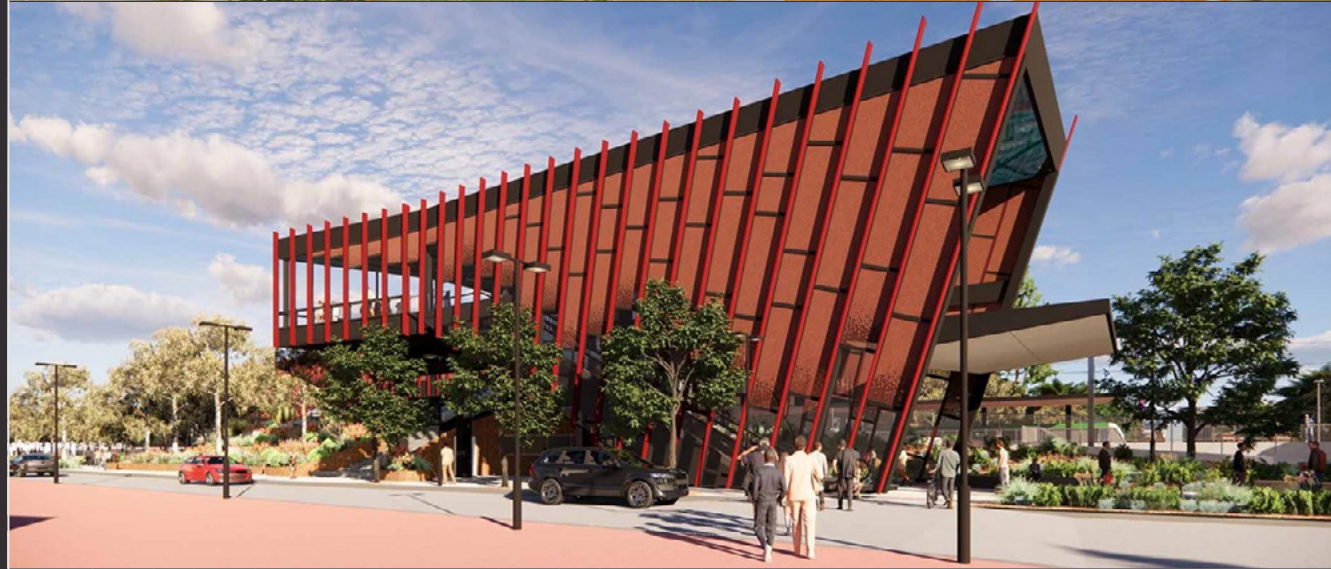
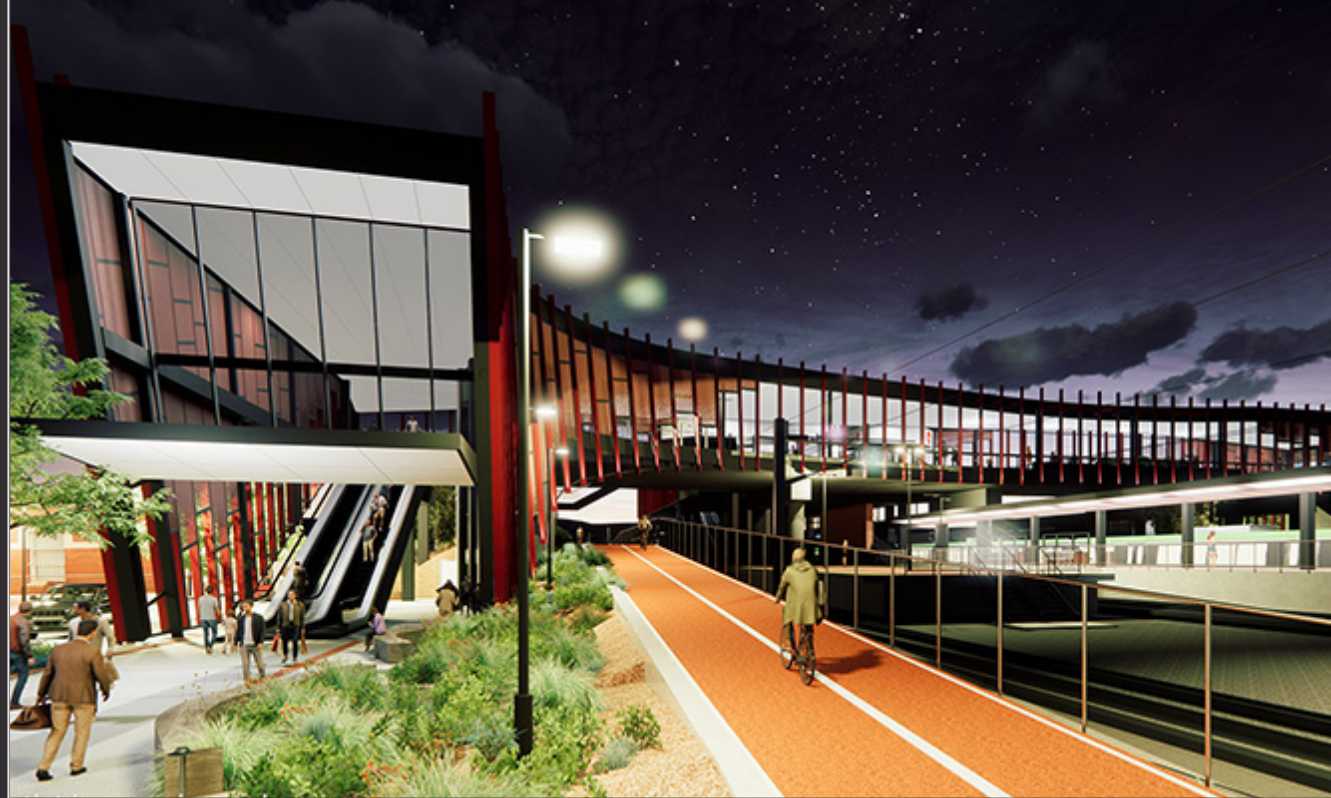
Commercial Projects



Healthcare



Hospitality



Midland Train Station

Accreditation and People

Given the highly regulated Australian construction environment, Lighthouse Engineering and our team maintain an array of vital accreditations.

Our Construction Category 3 certification equips us with the tools to manage complex, high risk works.



01.

ISO 9001: Quality Management

02.

SCA: CC3 Accreditation Steelwork Compliance

03.

Australian Steel institute: Steel Sustainability Australia Certification Level 2B

In-house compliance to ISO 14001 & 45001 standards and OSHE procedures to comply with the legal and best industry practices.

Our Clients

Over the years, Lighthouse Engineering has helped Tier 1 contractors with steelwork design, manufacturing and installation. Our work can be found in large and small projects across Western Australia and beyond.



Testimonials

“Working with Lighthouse Engineering on the ECU City Campus Project in Perth CBD was an outstanding experience. Their structural steel contributions to key areas like the Recital Hall, Playhouse Theatre, Dance Theatre, Flexible Theatre, and specialised spaces were of impeccable quality, meeting all our rigorous standards.

Lighthouse’s precision, attention to detail, and on-time delivery under tight deadlines ensured the project stayed on schedule while maintaining structural integrity and safety. Their collaborative approach and innovative problem-solving made them an invaluable partner, working seamlessly with our engineers and architects throughout the process.

We highly recommend Lighthouse Engineering for their expertise, professionalism, and commitment to excellence.”

Luke Munro
SENIOR PROJECT ENGINEER, MULTIPLEX CONSTRUCTIONS

“Lighthouse Engineering understood the demanding nature of the lead architect on this project, and, as proof, the quality and workmanship of the architecturally finished structural steel is visible on site. It was a pleasure working with Lighthouse Engineering on this complex build and we look forward to doing so again in the future.”

Yanny Douglas
PROJECT MANAGER, ADSCO

“Lighthouse Engineering team provided professional project management, design coordination and detailing services. With high quality steelwork that exceeded Lendlease and the clients expectations. The quality documentation and reporting process was impressive, and we would be glad to work with Lighthouse Engineering again.”

Jesse Kwong
CONSTRUCTION MANAGER,
LENLEASE



Christchurch Grammar School - Perth WA

Contact Us



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