

Case Study

Moorebank Intermodal Freight Terminal

From an initial package valued at less than $2 million to a final project value of $8 million, RA Smith earned client confidence through consistent delivery, technical capability and a collaborative approach to solving project challenges.

LOCATION	VALUE	CLIENT	TIMELINE
Moorebank, NSW	$8 Million	Georgiou	January 2021 - July 2022

Project Overview

RA Smith Contracting was engaged by Georgiou to deliver hydraulic infrastructure works within the Moorebank Intermodal Terminal Precinct, one of Australia's largest and most significant freight and logistics developments.

The project supports a major rail-linked freight hub connecting directly to Port Botany, enabling the efficient movement and management of international freight across the supply chain. As part of the development, RA Smith was responsible for delivering critical water, sewer, fire and stormwater infrastructure across Stage 2 of the precinct.

Initially engaged under a contract valued at less than $2 million, RA Smith's scope expanded significantly throughout delivery, ultimately growing to approximately $8 million in works.

The Challenge

The scale and complexity of the Moorebank Intermodal Terminal Precinct required the coordinated delivery of multiple utility networks across a rapidly developing industrial site.

As construction progressed, project requirements evolved and additional packages of work were incorporated into RA Smith's scope. This required the team to continually adapt resource planning, construction sequencing and delivery strategies while maintaining programme objectives across multiple work fronts.

The successful delivery of water, sewer, stormwater and fire infrastructure was critical to supporting future warehouse developments and ensuring the broader precinct could continue progressing as planned.

Meeting these requirements demanded a contractor capable of delivering diverse utility infrastructure packages safely, efficiently and at scale.



The Solution

Drawing on extensive experience in the delivery of utility infrastructure, RA Smith adopted a collaborative and flexible approach throughout the project.

Working closely with Georgiou and other project stakeholders, the team successfully integrated multiple work packages into delivery programmes as project requirements evolved. This enabled infrastructure works to progress efficiently while supporting the ongoing development of the wider precinct.

RA Smith coordinated the installation of water, sewer, fire and stormwater networks across the site, ensuring each system was delivered to meet both immediate project needs and future development requirements. Through careful planning, proactive stakeholder engagement and efficient construction methodologies, the team successfully managed a significant increase in project scope while maintaining delivery certainty.

The successful expansion of the contract from an initial package of less than $2 million to a final value of approximately $8 million reflects the confidence placed in RA Smith's capability and performance throughout the project.

Project Outcome

RA Smith successfully delivered critical hydraulic infrastructure that supports the ongoing operation and future growth of the Moorebank Intermodal Terminal Precinct.

Key Outcomes

- Successful delivery of potable water, sewer, fire and stormwater infrastructure across Stage 2 of the precinct.
- Installation of utility networks supporting future warehouse and logistics facilities.
- Delivery of infrastructure critical to the operation of a major freight and logistics hub.
- Effective management of significant scope growth throughout the project lifecycle.
- Strong collaboration with project stakeholders to support ongoing precinct development.
- Contract value successfully expanded from less than $2 million to approximately $8 million through additional works packages.

Beyond the successful delivery of the sewer infrastructure, the project demonstrated RA Smith's ability to manage complex stakeholder requirements and deliver practical infrastructure solutions within highly sensitive environments. Through proactive planning, strong compliance processes and collaborative project delivery, the team achieved construction outcomes without compromising environmental or cultural heritage values.

Technical Scope

Water Infrastructure

- Installation of approximately 5,400 linear metres of pressurised polyethylene potable water mains ranging from 32mm to 250mm diameter.
- Installation of potable water storage tanks, booster pumps, valves and associated infrastructure.
- Permanent connection to the Sydney Water Corporation network.

Sewer Infrastructure

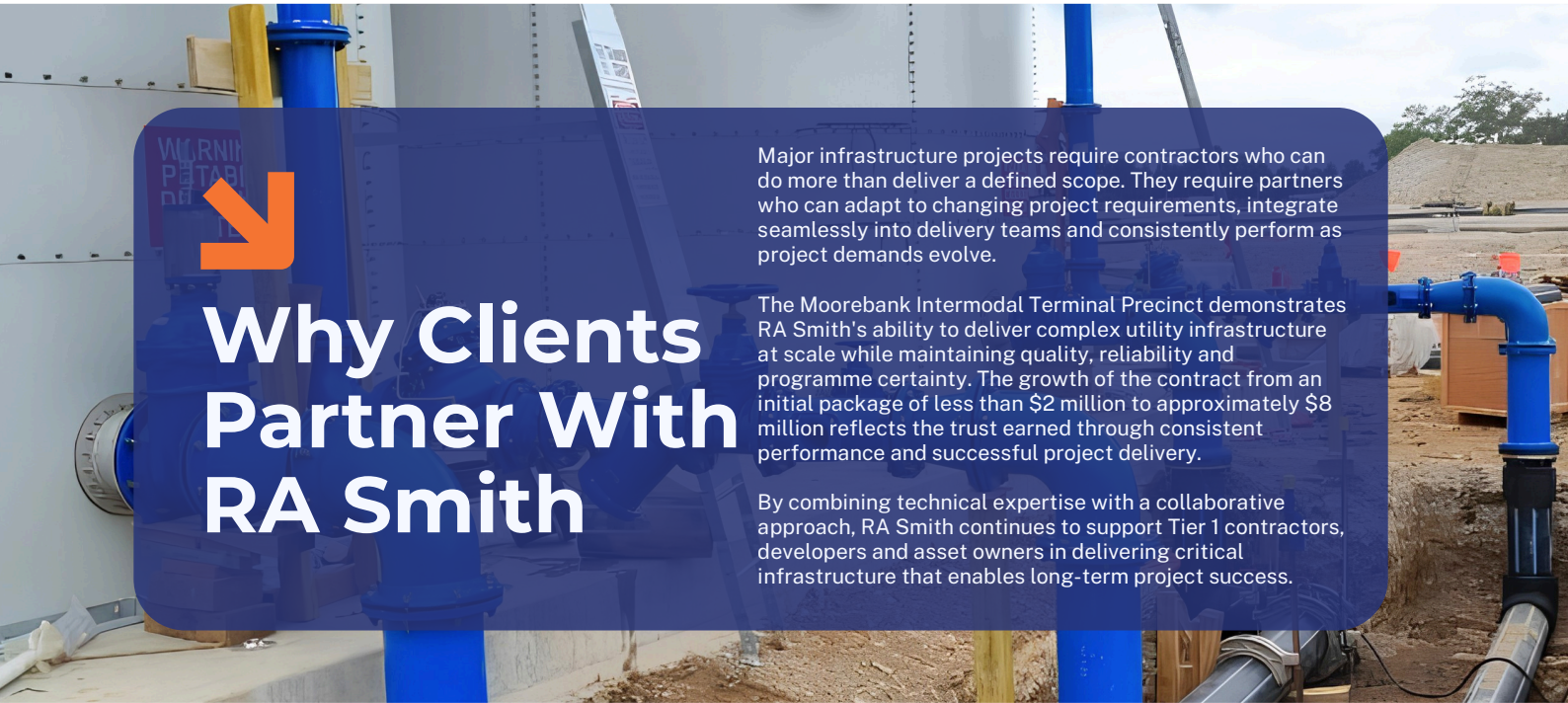
- Installation of approximately 4,180 linear metres of pressure sewer infrastructure ranging from 65mm to 110mm diameter.
- Installation of associated valves, flushing points and system connections.
- Installation of sewer systems and pumping infrastructure to manage facility wastewater.

Fire Infrastructure

- Installation of approximately 2,600 linear metres of PE fire hydrant services and associated valves and fittings.
- Provision of fire protection infrastructure throughout Stage 2 of the precinct.

Stormwater Infrastructure

- Installation of the primary stormwater pipe network.
- Provision of stormwater drainage servicing future warehouse developments.
- Delivery of utility services supporting ongoing precinct expansion.



Why Clients Partner With RA Smith

Major infrastructure projects require contractors who can do more than deliver a defined scope. They require partners who can adapt to changing project requirements, integrate seamlessly into delivery teams and consistently perform as project demands evolve.

The Moorebank Intermodal Terminal Precinct demonstrates RA Smith's ability to deliver complex utility infrastructure at scale while maintaining quality, reliability and programme certainty. The growth of the contract from an initial package of less than $2 million to approximately $8 million reflects the trust earned through consistent performance and successful project delivery.

By combining technical expertise with a collaborative approach, RA Smith continues to support Tier 1 contractors, developers and asset owners in delivering critical infrastructure that enables long-term project success.