

Construction Projects & Assets

AUSTRALIA



EXPERTS WITH IMPACT™



FTI Consulting's Construction Projects & Assets practice

FTI Consulting offers multidisciplinary expertise to the global construction community, including **owners, contractors, subcontractors, investors, government agencies, developers and lawyers.**

As internationally recognised construction advisors and experts, you benefit from our first-hand experience and knowledge of the **industry's technical, business, regulatory and legal challenges to deliver the insight and support** you need on construction projects.

Complete support on construction projects and assets

We advise on the contractual, technical and commercial issues of construction projects to ensure every aspect is properly risk assessed, governed, well-executed and fully supported from beginning to end.

Being wholly independent of the traditional industry roles of designer, project manager, cost consultant and contractor, we are uniquely suited to give impartial advice and assistance. From project planning, procurement, construction and commissioning through to completion, we provide support at every stage of the project.



Global Expertise

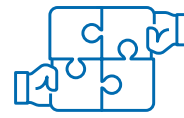
With over 300 experienced construction professionals across the globe, and supported by FTI Consulting's international network of offices, we can mobilise and resource teams wherever and whenever you need us.



Multidisciplinary Team

Drawn from commercial contracting and professional practice backgrounds:

- Quantity surveying
- Commercial management and contract administration
- Claims preparation and management
- Delay analysis
- Expert witness
- Quantum assessment
- Engineering
- Mediation/adjudication
- Planning/scheduling
- Project management



Key Services

- Claims preparation and defence
- Dispute resolution
- Expert witness
- Cost analysis and auditing
- Planning and scheduling
- Procurement assistance
- Capital program risk management
- Construction advisory and project management



Industries



Infrastructure



**Mining
and Metals**



**Power
Generation**



**Oil and Gas,
Pipelines**



Transportation



**Commercial
and Mixed Use**



**Educational
Facilities**



Environmental



**Government
and Institutional**



Healthcare



**Hospitality
and Gaming**



Industrial



— Drawing on decades of experience working on complex, high profile construction projects, FTI Consulting has a proven track record in helping clients **prevent, manage and resolve** construction issues.

Prevent, manage and resolve construction issues

Our solutions focus on effectively allocating risk, minimising costs and delays, managing resources, and encouraging best practice that helps ensure the smooth running of a construction project.





Prevent

No project is risk-free. Identifying and mitigating risks, whether in the pre-contract phase or during construction, ensures projects can be managed effectively and future problems avoided.

We work with you to identify, allocate and mitigate risk across the entire construction project, helping to minimise delays or disruption and prevent costly disputes.

WHERE WE CAN HELP

Pre-Contract

- Capital planning and budgeting
 - Contract drafting, negotiation and execution
 - Contract strategy advice
 - Tender process management
 - Policy and procedure development
 - Procurement advice
 - Program preparation and management
-

During Construction

- Audit and due diligence
- Budget management support
- Commercial placements
- Contractual and commercial training
- Document control and retrieval systems
- Project controls administration



CASE STUDY

PROJECT CONTROLS AND CONTRACT MANAGEMENT SUPPORT

SITUATION

An international Contractor was appointed to design and construct a waste to energy plant in Western Australia. During the construction phase, the Contractor realised its systems and processes relating to project controls and contract management were deficient and required enhancement to avoid further Project delays and cost overruns.

OUR ROLE

- Appointed to review the current project controls and contract management operations on the Project.
- Mobilised a specialist team to develop a revised overall program for the Project works and implement numerous processes and procedures with the construction team, including look aheads, progress updates, and resource plans.
- Integrated project systems, creating contract management dashboards, automated progress reporting including calculation of labour performance metrics, and resource dashboards for all labour on-site employed directly or via subcontractors.
- The integrations facilitated weekly tracking of schedule and labour performance on an area and discipline basis, revealing detailed insights into causes of low production and/or productivity.
- Developed new standards for reporting and tracking subcontract/supplier costs, allowing for greater cost control and early warning of potential claims.
- Implemented an integrated cost and project controls approach, which enhanced our ability to provide claims support to the project, including performance of quantification and delay analysis for claims both upstream and downstream.

OUR IMPACT



Our work provided management with a clearer picture of program milestones and costs on the Project. Our implemented processes and procedures set the Contractor on a path to better manage and control its cost and program on the Project, as well as capturing compensable delays and costs.



Manage

A successful construction project delivered on time and within budget relies on strong leadership, ongoing team collaboration and implementation of an effective management strategy.

We offer contract and commercial/project management services, both tactical and strategic, as an integrated part of your team or by providing a dedicated consultancy solution.

We rely on well-proven processes and state-of-the-art project management technologies to improve collaboration among project stakeholders and optimise performance. Our team can also conduct evaluations and audits to ensure best practice is followed and project goals are reached.

Consisting of surveyors, engineers and planners/schedulers, our team has worked in both the field and the project office.

Whether for a particular aspect of a project or as part of the team, we provide flexible project management and controls services to match your needs.

WHERE WE CAN HELP

- Change order management
- Close-out management
- Commercial placements
- Contract administration
- Contract compliance reviews
- Construction programme review and revision
- Project controls
- Project management information systems (PMIS)
- Project monitoring
- Valuation and measurement
- Variation assessment



CASE STUDY

REVIEWING AND DEFENDING CONTRACTUAL CLAIMS

SITUATION

A mining operator was developing a large greenfield iron ore mine in the Pilbara, Western Australia. During the project delivery stage, the Principal received numerous variation claims and claims for extension of time from two separate package Contractors. The claims arose as a consequence of contractors being provided with late access, interference from other package Contractors and other Principal-instigated changes.

OUR ROLE

- Appointed by the Principal to analyse and assess the claims from the Contractors.
- Mobilised a specialist team of delay and quantum experts to analyse project documentation.
- Interviewed project staff to determine the root cause of the delays, and quantify the additional costs and the Contractor's loss of productivity.
- Provided an alternative assessment to the quantum and delays claimed by each Contractor, allowing our client to fully understand its risk and exposure for the project.

OUR IMPACT



Our work enabled the Principal to confidently enter negotiations with the Contractors and ultimately achieve settlement of the claims, avoiding protracted dispute resolution proceedings.



Resolve

Effective and swift resolution of disputes is essential to help construction projects stay on track and minimise costs. FTI Consulting has a world-class reputation in dispute resolution, recognised as leading experts by Who's Who Legal.

We help resolve disputes by establishing a clear, commercially-driven strategy, promoting early resolution. Where litigation or arbitration is unavoidable, our experts will work closely with your legal team or external legal counsel. We provide support across the entire dispute life cycle, from research and analysis to arbitration, mediation or trial.

Our team has in-depth experience in preparing and evaluating claims, analysing delays and costs, and giving evidence in court and arbitral panels on contractual, delay and quantum matters.

We also prepare and evaluate claim submissions to the client, engineer, adjudicators, dispute boards, courts and arbitral panels in both common and civil law jurisdictions.

As a leading provider of courtroom technology, we provide skilled trial communication and evidence presentation consulting that presents complex information in a cogent, easy-to-understand format.

WHERE WE CAN HELP

- Alternative dispute resolution
- Arbitration
- Claim preparation and defence
- Cost analysis
- Data management and e-discovery, including digital forensics, litigation data analysis and email reconstruction
- Delay analysis
- Disruption and loss of productivity assessment
- Expert determination
- Expert witness on quantum and delay
- Loss of profit determination
- Mediation
- Overhead and project analysis



CASE STUDY

QUANTUM EXPERT APPOINTMENT

SITUATION

A major oil and gas proponent (Principal) was involved in various construction disputes with its EPC Contractor on a major LNG project in Queensland, comprising the construction of processing facilities and gas transmission pipelines. The dispute was referred to litigation in the Supreme Court of Queensland.

OUR ROLE

— Appointed as the quantum experts to opine on the additional costs incurred by the Principal as a result of various breaches of contract by the EPC Contractor.

— The multiple causes of action resulted in three separate and distinct work streams conducted by our team, including:

1. Delay – performed forensic analyses of costs incurred on the Project by various package contractors to calculate prolongation costs.
2. Disruption – conducted disruption analyses on separate elements of the Project.
3. Remeasurement – completed significant remeasurement and subsequent rate valuation to calculate a reasonable contract price for the Project scope of works.

OUR IMPACT



Our expert opinion and subsequent evidence assisted the court in understanding the quantum of the Plaintiff's claims and preparing the final judgement.

Local & global recognition



Stephen Rae
Global Leader

Arbitration Expert Witness 2023
Construction Expert Witness 2023
Construction - Quantum Delay & Technical 2023

"...a leading quantum expert in Australia"

Who's Who Legal



Tommy Wakefield-Smith
Global Leader

Construction Expert Witness 2023

"a distinguished international expert who provides an "incisive" approach to delay and disruption matters"

Who's Who Legal



Stuart Downes
Global Leader

Construction Expert Witness 2023
Construction - Quantum Delay & Technical 2023

"... trusted with very complex matters"

Who's Who Legal



Jon Dyson
Global Leader

Construction Expert Witness 2023
Construction - Quantum Delay & Technical 2023

"... excellent working knowledge of construction"

Who's Who Legal



Consulting Firm
of the Year
2016 – 2022

Arbitration Firm
of the Year
2015 – 2022

Who's Who Legal Awards



Top ranked in GAR
International
Arbitration
Power Index

GAR 2023



Ranked in
World's Best
Management
Consulting Firms

Forbes 2022

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Holistic solutions for the construction industry

FTI Consulting provides multidisciplinary solutions to construction industry participants faced with project risks or disputes or needing overall financial assessment. Comprising quantity surveyors, economists, investigators and specialist accountants and advisers, we offer a unique blend of hands-on industry experience and litigation, economics, financial and restructuring expertise.

Our deep understanding of the commercial, technical, legal and financial drivers relevant to the Australian construction and infrastructure industry means we can rapidly identify and surround the key issues, provide critical analysis and strategic insight and deliver timely, tailored solutions.

Find out more at fticonsulting.com/Australia

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