



QUANTUM
GROUP

Changing

**The way you think about
quantity surveying**

Half of our clients have outsourced to us for over 10 years

Disrupting

The Contractor Support Sector

We are working to change mindsets
in project administration resources

Welcome to the Quantum Group

The Quantum Group comprises a wide range of disciplines available to anyone in the construction sector. We take pride in the fact we aim to achieve excellence by providing thorough, precise and assertive assistance.

Contents

- | | | | |
|----|-----------------------------|----|--------------------------|
| 4 | What we do | 12 | Quantum Consult Services |
| 6 | Introducing Quantum CPM | 14 | Introducing Quantum CCS |
| 8 | Quantum CPM Services | 16 | The Quantum CCS package |
| 10 | Introducing Quantum Consult | 18 | It all adds up... |

QUANTUM|CPM
COST & PROJECT MANAGEMENT

QUANTUM
CONSULT

Q-MERUIT

QUANTUM|CCS
CONSTRUCTION COMMERCIAL SUPPORT

With offices in Leeds and Manchester, Quantum Group offers a range of specialist services to the construction industry that are fundamental to the success of building projects.

Our quantity surveying services are valuable throughout the construction process, taking the developer plan and design proposal to the finished building while ensuring clients can realise their goals in an acceptable timeframe and with optimum value.

With a team of RICS qualified quantity surveyors, we can assist from the early stages of contracts being drawn up, estimating, tendering and procurement - all these services help clients, Contractors and Sub-Contractors to ensure the project gets off on the right foot.

Throughout construction contracts, our services help Contractors and Sub-Contractors stay on track. We can manage all those important parts of the contract administration which are essential in meeting contractual obligations, including in relation to monthly variations, progress reporting, claims deadlines and the processes that must be followed.

We complete our support as the contract nears completion by providing assistance with final accounts submission, project ledger management and managing retentions to ensure Contractors and Sub-Contractors are fairly rewarded for their work on the project.

All these QS services are designed to help our clients manage contracts in the most efficient and harmonious way - but we also know that even with the best intentions, things don't always go smoothly.

That's why Quantum Group provides specialist services for resolving construction disputes.

These are designed to give Contractors and Sub-Contractors professional representation in formal and informal dispute resolution proceedings, utilising our extensive experience and understanding of construction law to reach an agreement or resolution.

At Quatum Group we offer clients the benefit of our experience in formal dispute resolution procedures such as arbitration and adjudication, and in the less formal but more commercial approaches of negotiation, mediation and conciliation. Our aim is always to work in the best interests of our clients, supported by our legal specialists, either by pursuing or defending dispute matters and, should full legal proceedings be required, we are able to act as expert witnesses.

What is consistent across all the services we provide is our commitment to high professional standards, which is reflected in our membership of the RICS.

**Your dependable
construction
contracts partner**



RICS



CI Arb
evolving to resolve



What we do

Our role is to link the skills and expertise of quantity surveying, project management, legal, planning and delay analysis professions.



We offer three streams of service product*

- 1. Assignment based appointments**
- 2. Ad-hoc consulting**
- 3. Regular package service**

*in order of greatest proportion of turnover first.

The three product types are delivered across the services of providing claims preparation and defence, ad-hoc commercial advice, general Contractor or Sub-Contractor support, and traditional quantity surveying and project management.

We offer a retainer or subscription service which offers our regular clients added benefits.

Our main target markets are Contractors and specialist Sub-Contractors operating in building and civil engineering experience. General urban and industrial construction has always been the primary source of our work, but in more recent years (since 2006) we have claims specialisms in the heavy industrial sectors of the oil and gas industries and steel production. This experience has introduced us to projects of national importance both at home and abroad.

Our Ethos

Quantum Group has a reputation for providing strong, effective, commercial and professional construction consulting.

OUR MISSION

To achieve sustained growth, strength and recognition through highly professional commercial consulting for target sectors of the construction and heavy engineering industries.

We achieve this by

1. Inspiring young people to achieve excellence in their work.
2. Sharing our experiences with the inexperienced.
3. Being people focused with our staff, partners and clients.
4. Generating personal development for individuals and creating effective teams.
5. Steering the team dynamics which are operating in the now to achieve carefully pre-planned strategic goals in the future.

Beliefs & Core Values

1. **We recognise that consulting is a service delivered personally. This is reflected in our people focused policy.**
2. **To promote decisive action and avoid prevarication in everything we do. This is our JFDI policy.**
3. **To always begin with the end in mind. This is reflected in both our people focused policy and our dynamic team working policy.**

Our core values for System Inputs are to help each member of the team to achieve the objectives of the business, playing to our strengths and character as individuals.

Our core values for Operational Systems Outputs are to adopt open communication with our clients to always promote commercially viable options. Commercially viable means: aiming for the best commercial outcome at a cost which is acceptable to the client.

We do this by understanding client needs and creating good working relationships to deliver the service deliverables. Our consultants behave ethically and with a high degree of professionalism in delivering the core skills of the role profession, giving guidance and commercial consulting, and deploying appropriate levels of expertise to go into the right depth. This is what we stand for across all of our professional disciplines and work streams.

Introducing Quantum CPM

Quantum CPM provides all the core services that a Contractor or Sub-Contractor working in the construction or engineering sectors will need to secure contracts and deliver them professionally.

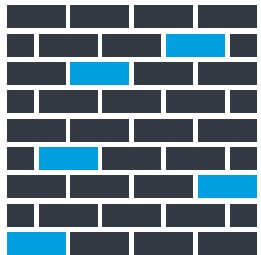
Our expertise is based on more than 25 years' experience so our clients can depend on the guidance and advice we provide.

Our services can help all types of Contractor or Sub-Contractor, large or small. And because we understand your business and how your industry works, we can 'hit the ground running' to get up to speed with your requirements quickly so you benefit from the most efficient use of our time.

Quantity Surveying

Achieve commercial success with experienced quantity surveyors on your construction project.

The commercial success of a construction project depends upon a number of factors. But amongst the most important is having a quantity surveyor on your side whose experience of commercial and contractual



arrangements is such that they instinctively know how to achieve that success.

From initial procurement and budget advice

through to agreement of the final account, the Quantum CPM team provides a dynamic, "hands-on" and highly professional service.

We provide early cost advice and budget estimating, and carefully select the most appropriate procurement route for each project. Our service also includes drafting and preparing contract documentation, including schedules of work or bills of quantities, where required.

Once the project is underway, we draw on our extensive site experience in the preparation of interim valuations, variation accounts and final accounts. Clients receive regular and accurate reporting of projected final costs and likely cash flow, along with advice on any significant cost issues which may arise.

Project Management

The best project managers are those with wide experience – that's why we hand pick our staff to give us breadth of experience, as well as depth.

Quantum CPM's consultants have the core skills for effective project management – that means we can lead a team, but remain a member of it.



And we have a clear understanding of the roles of all parties involved and have in-depth knowledge of stages that need to be achieved in order to deliver the project.

From the very start we set up communication channels with clear levels of authority. We ensure all members of the team understand their role and act on their deliverables, and we carefully manage the risks inherent in construction projects.

We consider the role of project manager as being the "right hand" of the client, and that means integrating ourselves into the client's team in order to better understand their needs and restrictions. It is a process we conduct in a firm and controlled, but fair manner.

Quantum CPM Services

Contract Vetting



We help to protect Contractors and Sub-Contractors before they enter into a contract through our Contract Vetting service. This enables a thorough

review of the contract to be undertaken so you can fully understand the terms on which you will be working.

By having the contract vetted by a Quantum specialist, any clauses, terms and conditions that may seem unfavourable will be flagged up so you can decide whether to challenge the client and seek a revised contract, or proceed in the knowledge of what you must do and by when.

Procurement Support



We can save you and your team valuable time and money at pre-contract and post-contract stages by collating enquiry documents, obtaining tender bids, negotiating

and securing the service or supply.

Whether you are a Contractor or a Sub-Contractor of any size, our outsourced procurement service ensures that you form effective contracts with suppliers and any bought-in resources. This provides improved control and risk management whilst ensuring compliance with head-contract obligations.

Monthly Variations Auditing



We can review your variations on a monthly basis, a service which evaluates them professionally before submitting them to the client. This can be

instrumental in getting variations agreed for payment more efficiently. The benefits of this are better systems, more complete accounts and fewer disputes.

Whatever stage the variations are at, including those that you are aware will be coming up for action, we will make sure you have notified your client in accordance with the requirements of the contract. The benefits of this service are better systems, more complete accounts and fewer disputes.

Monthly Progress Auditing



We can evaluate your progress against the contract programme. Why do this? Simply put, if a delay is identified early on then there is time to correct it and put

actions in place to catch up.

The benefits of this are better planning and more accurate reporting, giving protection against allegations of delay and fewer disputes about delay. The by-product is better commercial awareness for the staff, but more importantly, this evaluation will serve as early warning of possible dangers for elevating matters to management for commercial decision-making.

Project Liability Auditing



With this service we can provide a full end of job cost forecast. This puts you in a much better position early on during your client negotiations and discussions. In addition, this

service helps to ensure that future cost liabilities are properly reported and provided for.

The benefits are better cost control and early warnings for management decisions on damage prevention or limitation, and profit maximisation.

Final Account Control



We ensure that Final Accounts are submitted on time after completion of jobs - properly prepared first time with appropriate back-up.

By having this structured and monitored approach to the submission of accounts, you will narrow the scope for issues arising using appropriate techniques and it helps you to avoid disputes.

This helps Contractors and Sub-Contractors more broadly by providing commercial training and the introduction of dispute control techniques such as preparing Scott Schedules, prioritising effort through risk management and probability assessments - thus reducing 'flogging dead horses' (which we see so often) and improving QS efficiency.

Project Ledger Management



This service helps you keep track of the bigger picture, with cash flow monitoring and management account preparation based on job status

and probability assessments. It also assists Financial Managers to monitor and control all income from jobs.

We will set up control sheets and carry out high level reviews, challenging the QS's predictions of job returns, as well as health checks on specific jobs where problems have occurred and/or could be avoided.

Retention Fund Management



Always a bone of contention, our outsourced retention fund management service can take away the pain often experienced by Contractors and Sub-

Contractors after work on site has finished. With our service, we keep a ledger of retentions due, monitoring defect correction and chasing down debtors.

The benefit of this service is to provide Contractors and Sub-Contractors with better retention recovery and control, supported with regular advice to management on accurate accounting for non-recoverable book debts.

Introducing Quantum Consult

Quantum Consult takes a strategic approach to managing contractual risks, proactively and reactively, helping Contractors and Sub-Contractors to both avoid and resolve disputes.

Advocates

Dispute Avoidance



We strategically support our engineering and constructor clients during all phases of a project. This helps them keep within time and budget by monitoring and reporting on

the project risks and health, ensuring maximum returns and preventing under recovery on costs.

Throughout the contract we are the expert with a watching brief or standing by for consultation, to maintain our client's commercial advantage. Constant or early involvement at a stage where elevation can be either avoided or deployed is the key.

When challenges are addressed as early as possible, openly, assertively and positively, our clients are best placed to negotiate palatable outcomes. They can avoid third party intervention by being in control of their entitlements.

Dispute Resolution



Construction contract disputes are common, but when they arise, we help you reach a satisfactory resolution through our combined quantity surveying, forensic

delay analysis, and legal expertise. Our dispute resolution service brings closure to complex commercial issues, especially those involving delay and financial recovery at final account.

Engage with Quantum early and we can pursue the claims you're entitled to or advise on the strongest defence of your position. Our technical expertise spans multiple engineering and construction sectors and all types of disputes, enabling us to draw on past cases to maximise your chances of success with independent, legally grounded advice.

Our specialist cost and value insight also helps achieve mutually acceptable solutions without the need for formal legal proceedings.

Experts

We work in a quantum expert and delay expert capacity to assist Contractors and Sub-Contractors in the engineering and construction sectors in tribunals or court cases.

Given our expertise and experience, we are ideally placed to offer an independent perspective on disputes. We may be appointed by one party or jointly by both with our role being to "assist", not advocate for a side.

Fulfilling Expert roles

In our Expert capacity, we can provide:

An Expert in Construction is a specialist who assesses, analyses, and quantifies the financial value and/or time value of claims and variations that arise on construction and engineering projects — essentially, they deal with the "how much" question in disputes.

A Quantum Expert is an expert witness appointed to provide independent and impartial opinion evidence on the quantum of claims in arbitration, adjudication, or litigation.

A Delay Expert is an expert witness appointed to provide independent and impartial opinion evidence on the time implications of claims in arbitration, adjudication, or litigation.

The role is to objectively and independently carry out the following:

- Analyse the cost impact of changes, delays, and disruptions.
- Analyse the time impact of changes, delays, and disruptions.
- Value variations, omissions, and prolongation claims.
- Quantify damages or loss suffered by one party (contractor or employer).
- Assess payments due, contra-charges, or set-offs.
- Provide a clear, reasoned, and evidenced opinion on the value of the claim.



We can provide expert services concerning how much and how long? The distinction between Delay (Programme) Experts and a Quantity Surveying Expert is:

A Quantum Expert:

- Focuses on how much money is due.
- Uses cost and valuation data.
- Is often a quantity surveyor.

A Delay Expert:

- Focuses on how long the project was delayed and by what cause.
- Uses programmes, schedules, and critical path analysis.
- Is often a planner or project manager.

Quantum Consult Services

Additional Work Claims



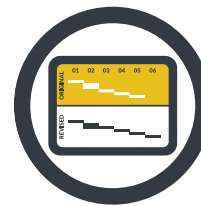
When projects require work outside the original scope, securing payment can be challenging. We help you prove that the extra work was necessary and justify its value. Whether changes, unforeseen conditions or increased quantities have triggered additional tasks, we build a clear, evidence based claim so you receive the compensation you're owed.

Forensic Delay Analysis – Money



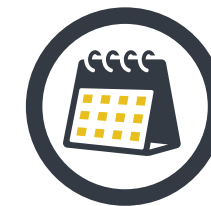
Delays often result in additional cost. Once delay responsibility is identified, we quantify the financial impact and help you build a strong claim. We assess records, analyse scheduling data and address complex issues such as concurrent or compensable delays. Our aim is simple: demonstrate the losses clearly and support your entitlement.

Forensic Delay Analysis – Time



When a project slips, understanding the real cause of delay is essential. Our Forensic Delay Analysis uses recognised industry methods to examine the programme, reconstruct events and identify when delays occurred. With practical, Contractor focused analysis, we determine responsibility and provide clear findings you can rely on in negotiations or dispute resolution.

Prolongation Claims



If your project is extended for reasons beyond your control, we help you recover the extra costs that follow. This includes prolonged supervision, labour, equipment, insurance and overheads. By linking compensable delays to the costs incurred and presenting robust supporting evidence, we strengthen your prolongation claim and maximise recovery.

Disruption Claims



Disruption reduces productivity, increases costs and erodes margins. We help you identify and evidence the events that caused inefficiency, such as

restricted access, out of sequence working or overcrowded work areas, and quantify the financial impact. Our approach makes it clear what happened, how it affected output and what compensation you should receive.

Corporate Recovery



Cash flow pressure is common in construction, especially when payments are delayed. We support recovery efforts by preparing valuations, applications and claims that

assess outstanding sums and outline the strongest commercial route forward. Our commercial and dispute resolution experience helps you focus on viable projects, reduce financial risk and secure the best achievable outcomes.

Earned Value Analysis



To keep control of time and cost performance, you need accurate insight into how the project is progressing. We apply earned value techniques to compare planned work

and expenditure against what has actually been achieved. This highlights variances early, supports stronger commercial decisions and provides reliable data for assessing productivity based claims.

Business Support



Working closely with Contractors and Sub Contractors gives us direct insight into the challenges you face. We review your project controls, commercial

procedures and delivery processes to improve performance and reduce risk. Drawing on our experience in claims, delay analysis and commercial management, we provide practical advice that strengthens project outcomes and supports long term business improvement.

Specialist support for all constructors - large or small

Quantum has surveyors from many different backgrounds, with wide experience from controlling large projects to small maintenance contracts. We believe that with this wealth of experience, much of it in contracting, we can offer support to Contractors that is tailored to suit your needs.

Introducing Quantum CCS

A Complete Support Package

Quantum Construction Commercial Support (CCS) is a subscription service which provides our retained clients with discounted rates, negotiated discounted access to our partners services, and tailored training events included in the membership.

Quantum CCS provides you with outsourced quantity surveying and project management services from appropriately trained and experienced specialists within our group.

It's quantity
surveying, but not
as you'd know it.

A Portal

TO A MASTER MIND OF SUPPORT
FOR THE BOTTOM LINE

Disrupting

THE CONTRACTOR SUPPORT SECTOR!

Change mindsets in project
administration resources

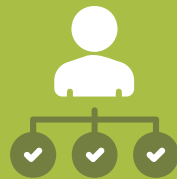
How Quantum CCS works

When you subscribe as a member, you will engage with our highly skilled specialists at Quantum CPM and Quantum Consult, the two Partners of our group that provide our services.

Whether it is non-contentious routine services from monthly valuations through to claims of an extension of time and prolongation, or contentious services such as dispute resolution, we have the specialists to help you. But not only that, when you subscribe to Quantum CCS, you will receive training and guidance included in your subscription along with lots more.

It all adds up to an easy-access package of support from construction experts that will help you manage your contracts, improve efficiency, and lead to better profits.

What Quantum CCS offers



We help you develop your teams with **new specialist commercial skills**



Subscription makes it **affordable and available every day** - unlike buying in ad-hoc services



Optimise your commercial functions - construction work valuing, planning, reporting & project accounting



We can **health check your projects and systems** - providing premium consulting when needed



Get expert **quantity surveying & contract management advice and guidance everyday** - not just bought in desperation!



High-end construction commercial support - just like outsourcing accounting & other legal services



Making expertise an **everyday resource for our members**



Solving commercial challenges via Q&A surgeries, training, advice & professional skills on tap

Why not use Quantum Consult or Quantum CPM services?

Quantum CCS offers more benefits because we have developed a package which pulls both attributes together like joining a trade association, but for commercial services. A subscription will help you identify gaps in process to improve project operations and financial comfort.

In the unfortunate but sometimes inevitable event of a dispute, your subscription will eliminate some risk and ensure you are best placed to prosecute or defend any potential claims.

What is the Quantum CCS package?

Quantum CCS is designed to offer an easy-access package of support from experienced construction innovators that will help you manage your contracts more effectively, improve efficiency, and lead to better profits.

Not only can the Quantum team make sure you never miss a deadline, but we can save you time and take away the stress associated with contracts.

Imagine how much time you'd need keeping on top of your business finances if you didn't use an accountant? Now think of how much time you could save by outsourcing your contract management responsibilities, supported by a team of specialists.

Having us on board can unlock the opportunities in contracts, as well as helping you to manage threats.

Subscription Features & Benefits*



Our Professional Construction Consultancy is a feature-packed subscription offering agreed discounted consultancy fees when you subscribe as a member.



We regularly hold seminars, conferences and training sessions, and as a member your entry to all events is discounted.



You can take advantage of a comprehensive review of your healthcare insurance policies to ensure that you are getting the best and most cost effective cover for your business.



Members can take advantage of a Credit Reference service, ensuring you minimise your exposure to bad debt and stay ahead of the game.



As a member you will have access to and discounts on the industry's most trusted providers of UK construction project data, market analysis and company intelligence.



As a member you benefit from no win no fee adjudication. What this means is that if you lose (which we don't expect you should), we pay the adjudicator's fee, subject to terms and conditions.



A training programme has been established to provide training and development to our members. Our training programme of over 21 different subjects can be individually tailored to meet your business requirements.



When you Join as a QCCS member, you will receive a review of all your business insurance policies, to ensure that you are getting the best cover for your unique business.



We can help you implement effective pre-contract management systems to successfully collate enquiry documents, obtain supplier tender bids, and manage bid preparation. Then, to monitor bid success which will fine-tune your tender efficiency.



When you become a member, one of our consultants will arrange to visit you at your office or organise a Teams meeting with you to discuss your business needs and requirements. They will then provide you with a comprehensive report on how QCCS and its partners can help and support you achieve your business goals.



As a member you can access a suite of QA document templates, purpose-designed for running a successful contracting business.

* Subject to availability.

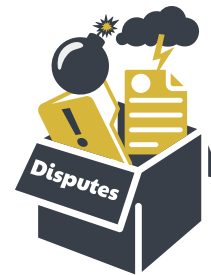
It all adds up...

As a trusted commercial partner to numerous Contractors and Sub-Contractors, the vast majority of our work is undertaken on a confidential basis. But the value that our services make to the success of our clients' businesses and the number of clients we support is illustrated in our headline statistics.



10+
YEARS OUTSOURCING

Half of our clients have outsourced to us for over 10 years



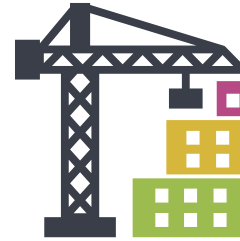
**FROM £50k
TO £238m**

Large or small, we can help you resolve your dispute



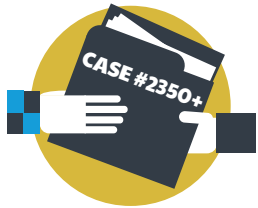
8 BUNDLED SERVICES

Our 8 Bundle Services provide what most Contractors and Sub-Contractors need to protect themselves.



25+ SINCE 1999

Years contract consulting for constructors in the built environment and industrial engineering sectors



2,350

CLIENT PROJECTS OVER PAST 25 YEARS

We have recorded over 2,350 commissioned assignments.



81%

ADJUDICATION SUCCESS*

*% is average redress sought v referrals on 24 cases over the last 2 years

QUANTUM GROUP

QUANTUM CONSULT

Specialist contract consulting for the construction industry with over 25 years' expertise to offer. We provide overt dispute support and discrete dispute avoidance.

QUANTUM|CPM COST & PROJECT MANAGEMENT

Highly experienced team of Quantity Surveyors providing the complete range of essential financial project services that Contractors and Sub-Contractors need when embarking on any construction project. Quantum CPM provides holistic cost and project management.

Q-MERUIT

Commercial consultants working with international organisations across the world, providing a range of specialist services including Alternative Dispute Resolution, Arbitration and Litigation.

QUANTUM|CCS CONSTRUCTION COMMERCIAL SUPPORT

Quantum Construction Commercial Support is a subscription service which provides our retained clients with discounted rates, negotiated discounted access to our partners services, and tailored training events included in the membership.

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