



PROFILE

I am Chartered Quantity Surveyor with over 24 years of experience in the construction industry, spanning building, infrastructure and civil engineering. In the formative years of my career, I worked for Main Contractors, Specialist Contractors and Consultancies where I held various positions from Quantity Surveyor, Disputes Manager and Associate Director.

I have extensive experience in the commercial management of contentious projects, including dispute avoidance and resolution, consulting and provision of expert quantum advice. I have been appointed to not only Quantum Expert, but also to provide advice on live projects to avoid disputes, including an appointment as representative on Dispute Resolution Board of an infrastructure Joint Venture Framework.

I am experienced in adjudication and arbitration, acting as Quantum Expert and assistant to Quantum Experts, supporting in the evaluation of claims and counterclaims for both Claimant's and Respondent's.

I have significant experience in commercial administration of large-scale projects, providing transactional advice on risk mitigation, pricing and estimation and bespoke or amended terms and conditions. I am also an accredited NEC Project Manager with a deep knowledge of NEC3 and NEC4 suites of contracts, including Professional Services and Supply Contracts.

More recently, I have been involved in several cases including professional negligence associated with actions of the Project Manager on NEC Projects.

CONTACT DETAILS

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PROFESSIONAL MEMBERSHIPS

MRICS
FCIArb
MCInstCES
NEC Reg (NEC 3 & NEC 4)

QUALIFICATIONS

BSc Quantity Surveying and
Commercial Management

NEC3 ECC Project
Management Accreditation

NEC4 ECC Project
Management Accreditation

Bond Solon Expert Witness
Training (CUBS)

CIArb Adjudication Pathway

EXPERT APPOINTMENTS & EXPERIENCE

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BUILDING

Retail Redevelopment – Bespoke Contract, London

Appointed Quantum Expert associated with the evaluation of disputed final account associated with drylining, suspended ceilings, slab insulations, secondary steelwork, riser doors and passive fire protection. This required my assessment and analysis of extension of time utilising both actual cost and earned value analysis, disruption, loss of head office overhead and approximately 120 variations that were valued up to £1.3m alone *Solicitor: Howes Percival*

Multi-Purpose Development – Bespoke Contract, Glasgow

Worked with Quantum Expert to review and assess the Contractor's gainshare calculation derived from final tendered costs or adjusted cost plan amounts. This work included reviewing instructions issued to determine whether either the final tendered cost or the adjusted cost plan amount required any amendment. *Solicitor: Burgess Paull*

Industrial Facility (Bakery) - Northwich

Providing Expert Quantum advice to the loss adjuster on the remedial works scheme associated with fire damage at an industrial bakery facility in Northwich. The works included reviewing the scope of the remedial works against the existing specification and ensuring the cost obtained associated with the remedial works is representative of open market conditions. *Appointing Organisation: Sedgewick*

Multi-Purpose Development – JCT, London

Worked with the Quantum Expert to review and assess the contractor's loss and expense claim, associated with three separate extensions of time claims which was the subject of an adjudication. *Solicitor: BCLP*

Residential Development – JCT, London

Provided quantum assistance to the contractor associated with numerous unpriced Contract Administrator's instructions, which had been issued during the works. Tasks included measurement, determining the most appropriate rates, and evidencing/quantifying the volume of uninstructed change as part of the Adjudication proceedings. *Solicitor: Pinsent Masons*

Hotel Remedial Works, London

Worked with the Quantum Expert on behalf of the Insurer to review and assess the contractor's claim associated with swimming pool remedial works following an insurable event. This work involved a review of the contractor's

actual and forecast cost/losses, benchmarking rates, and any/all substantiation. *Appointing Organisation: Crawford*

Commercial Refurbishments – Bespoke Contract, Bristol and Birmingham

Provided quantum assistance in an expert quantum report for adjudication. This consisted of valuation for M&E equipment and fit-out, small power, containment, HVAC, lighting and fire detection systems. Associated prolongation costs and disrupted labour costs were also valued. *Solicitor: Birketts*

HEALTHCARE

Day Care Facility, JCT Standard Contract without Quantities 2016, Yorkshire

Appointed Quantum Expert associated with Contractor's loss and expense assessment in Adjudication proceedings. This required the determination of the time related costs associated with extension of time periods from each Delay Expert, and calculation of Subcontractor Loss and Expense, staff thickening and loss of head office overhead. My instructions also required an assessment associated with the ten number highest value disputed variations which had occurred during the currency of the project. *Solicitor: Weightmans*

Acute Hospital – Glazing Defect Rectification Scheme in Scotland PFI

Worked with Quantum Expert associated with the evaluation of the defect claim associated with the inclusion of NiS. This required each cost / invoice to be analysed and aligned against the stated cause of the failure to formulate an assessment based upon only costs flowing from the presence of NiS. The works also included pricing an alternative scheme associated with the remedial works. *Solicitor: Brodies*

Acute Hospital – Link Bridge Cladding Defect Rectification Scheme in Scotland PFI

Worked with Quantum Expert associated with the evaluation of the defect claim for the removal and replacement of cladding installation on linkbridge and atrium pods. This required analysis of the benchmarked costs together with the sourcing of alternative prices for the works. The works also included pricing an alternative scheme associated with the remedial works. *Solicitor: Brodies*

CIVIL INFRASTRUCTURE

Enterprise Park- NEC4 Option C, Norfolk

Appointed Quantum Expert to provide opinion alleged negligent actions from Project Manager and Designer. This work required the calculation of a Contractors final account calculated on an NEC4 Target Cost Option C, plus further invoiced cost from Statutory Undertakers and the Designer. Works included reviewing the Defined Cost, reviewing and identifying 'themes' for compensation events, and ensuring that Project Manager had complied with the relevant obligations under the contract. *Solicitor: Birketts*

Flood Alleviation Scheme – NEC3 Option C, Aberdeenshire

Worked with Quantum Expert regarding the evaluation of the costs flowing from a failed Employer design solution and the disruption of work sequence during rectification work. This included assessment of cost for reduced working window (winter / seasonal constraints) and rising river levels.

Flood Alleviation Scheme – NEC3 Option C, Aberdeenshire

Worked with Quantum Expert associated the evaluation of a number of compensation events which had occurred during the currency of the works. This work required the consideration of the Contractor's claim, the Project Manager's response within the Expert Report for Adjudication.

Major Highway Scheme – Bespoke Contract, Slovakia

Provided assistance to Quantum Expert associated with report for arbitration. This consisted of reviewing specific elements of the claims, analysing substantiation provided by the claimant and their quantum expert, and preparing a draft response for the quantum expert for review and inclusion within the quantum expert report. Andrew was also required to provide alternative assessments based on the information included within the pleadings.

Major Highway & Bridge Project, Merseyside

Appointed Quantum Expert by Designer JV partner to provide opinion on both entitlement and quantum of claims advanced by Contractor associated with issues alleged issues with design and also Designer's claims under the professional services contract. *Solicitor: Sloan Plumb Wood*

POWER & ENERGY

Energy to Waste Projects, United Kingdom

Worked as part of the Technical Expert's team tasked with establishing the background and key facts associated with the claim against the Statutory Directors. The disclosure produced over 71,000 documents via an electronic (searchable) portal. A key part of this role was to be compile effective search criteria to locate evidence to enable the Technical Expert to form an opinion. In the early stages of the works, tasks included establishing a chronology of key events on each individual Waste to Energy project with a focus on the commercial aspects, such as pricing, tendering, subcontracting and agreeing limits of liability. My role included assisting with the drafting of relevant sections of both the expert report and joint statement. *Solicitor: Beale & Co*

Wood Processing Mill, Kemi, Finland

Worked as lead assistant to the Quantum Expert on the evaluation of the costs arising from the defect and the remedial works associated with the welding failures which occurred between goods supplied by International Supplier. Tasks included testing the veracity of the costs claimed and whether those costs could be linked solely to the defective work and remedial schemes. This also required the calculation of interest in accordance with Finnish law. *Solicitor: Roschiers.*

Coal Fired Power Station, Vietnam

Appointed as part of the claimant's Quantum Expert team for the purposes of assessment of the contractor's claim and the respondent's counter claim under a bespoke contract following termination, which was the subject of an arbitration under SIAC rules. Tasks included evaluation of claims advanced, testing burden of proof, and alternative assessments for incorporation into the quantum report. This required cost assessment and validity of all elements of the works, including steelwork / steel structures, distributed control systems, tanks, switchgear, steam turbine and generator systems. Andrew was also involved in the preparation and completion of joint expert reports, joint statements, and preparation and attendance at the arbitration hearing. *Solicitor: Rybalkin, Gortsunyan, Dyakin and Partners.*

Solar Field, Israel

Worked as lead assistant to the Quantum Expert on the evaluation of the contractor's claim and the respondent's counterclaim, which was the subject of an arbitration. Tasks included assessment of variation claims (welding, pipefitting), costs for machining pipework fittings, Ultrasonic testing costs, costs of suspension, prolongation costs, assessment of costs associated with additional weld not including in original scope of works. Andrew was also involved with the preparation and attendance at the arbitration hearing. *Solicitors: Naschitz, Brandes, Amir & Co*

Gas Pipeline, Tunisia

Assisted the Quantum Expert in the evaluation of a number of items forming part of the wider claim, which was the subject of an arbitration. Tasks included the measurement and evaluation of variations issued under the contract and reconciliation of payment issues for incorporation into the quantum report. *Solicitor: Decimusfearon*

Coal Fired Power Station, South Africa

Worked as part of Quantum team associated with the evaluation of specific elements of the claim, steelwork, scaffolding and non-destructive testing costs and tack welding. Andrew was required to validate steelwork measure and assess outputs / labour norms used within claim assessment, review and validation of invoice costs. *Solicitor: Pinsents Masons*

WATER

Water Treatment Works – NEC3 Option C's, Surrey

Instructed as Quantum Expert to provide opinion on the remedial costs which were advanced through insurers. Required to test the veracity of costs claimed and review contractual provisions to ensure all costs were allowable and had been incurred in connection with the remedial works scheme. *Solicitor: Clyde & Co*

Waste-Water Treatment Works - Bespoke Contract, Oxford

Appointed to prepare a quantum report for adjudication, associated with the recovery of sums on behalf of insurer. Required to respond to the claimant's quantum expert report. *Solicitor: DAC Beachcroft*

Capital Investment Programme, Water Framework, Yorkshire

Appointed as one of the contractor/designer JV representatives on the JV dispute resolution board, addressing several large compensation events associated with dewatering and interpretation of NEC3 works information.

Waste-Water Treatment Works, NEC Option C, Kent

Appointed by the main contractor to assess two disputed subcontract accounts across two projects. This required forensic audit of defined cost together with evaluation of compensation events and review of approximately 300 separate events. Role included liaison with legal teams and expert opinion on certain elements of account. *Solicitor: In House Legal*

Waste-Water Treatment Works - Bespoke Contract, Oxford

Acted as the Designer's Commercial Lead and co-ordinated the requirements of the legal team, associated with "smash and grab" adjudication. This required preparation and collation of evidence together with ensuring contractual provisions were adhered to. Following adjudication, was required to prepare the final account and was involved in settlement discussions and agreement of the final account. *Solicitor: BLM*

Waste-Water Treatment Works Capital Expenditure Programme, United Kingdom

Acted as Project Quantity Surveyor on a number of waste-water treatment works schemes on United Utilities AMP 5 Programme, for the JV contractor based on the schemes in North-West of England.

NUCLEAR

Nuclear Decommissioning – NEC3 Option A, Scotland

Part of the Quantum Team providing the employer's response to several contractor compensation events. These compensation events were the subject of an adjudication between the parties. Works involved reviewing provisions of the NEC contract to ensure compliance, together with reviewing the costs advanced against the contractual provisions. *Solicitor: Devonshires*

Nuclear Decommissioning - NEC3 Option C, Scotland

Working as Assistant to the Expert on the evaluation on a disputed compensation event, works included reviewing the contractual provisions to ensure a valid compensation event had occurred, remeasuring quantities and specifications before reviewing the cost information, and ensuring the correct assessment had been established and providing an alternative evaluation. This matter was the subject of an Adjudication. *Solicitor Burgess Salmon*

RAIL

Railway Infrastructure Framework – Bespoke Contract, Merseyside

Worked with Quantum Expert to review and assess Contractor's claim associated with revised cabling route and layout in comparison to GRIP4 designs. This required analysis of substantiation and records provided from Employer and Contractor, and comparing tendered output and rates compared to the output achieved by the Contractor during construction of the works. *Solicitor: 4PumpCourt*

EMPLOYMENT HISTORY

1999 to 2003 – Survey Operations – Land & Engineering Surveyor

Survey Operations were a multi-disciplinary surveying company which provided topographical, building surveys, and site engineering services. I started as an Assistant Surveyor working my own to Engineering Surveyor who produced survey control, setting out, topographical and building surveys, to both local and GPS co-ordination and positioning.

2003 to 2004 – Costain Ltd – Trainee Quantity Surveyor

I joined Costain to work on the AMP3 Utilities Framework. My role was site based on a Wastewater Treatment site undertaking procurement and contractual duties associated with the administration of the NEC3 Contract.

2004 – 2005 – North Midland Construction Plc – Assistant Quantity Surveyor

I joined North Midland Construction to work as part of the site team on a Wastewater Treatment scheme in the Lake District. I was primarily involved in procurement and commercial and cost reporting.

2005 – 2006 – Costain Ltd – Assistant Quantity Surveyor

I rejoined Costain to broaden my experience and work on the Airport Framework, I was responsible for Subcontract Management and assisting with commercial reporting. During my time, the financial system was changed which required extensive training and development together with reconciliation between the web-based financial systems.

2006 – 2013 – Balfour Beatty Regional Civil Engineering – Assistant to Quantity Surveyor

I joined the Northwest Regional Civil Engineering as Assistant Quantity working my way to Quantity Surveying. I was involved in all commercial aspects, from tendering and estimating, cost reporting, Client and Subcontract Management, internal reporting and mitigating 'downstream' claims. During my time I worked as part of the commercial teams on the larger of the civil engineering projects within the regional to running my own schemes as commercial lead on NEC3 Option B infrastructure project, in triple SI area.

2013 – 2017 – E.ON Sustainable Energy – Commercial Manager

Recruited to join commercial claims team to pursue entitlement against both the Employer and Subcontractors on PFI projects totalling c.£120m. My main focus was on civil engineering works against Subcontractor which required measurement and assessment of works which resulted in settlement agreement and repayment in excess of £1m. In addition, my role developed to working alongside Commercial Lead in several adjudications between SPV and Contractor, I was involved in all aspects of adjudication including quantum and drafting of procedural notices and documents. A further part of my role was to produce tenders and pricing for new works to establish presence and growth in the region.

2017 to 2021 – AECOM – Commercial Manager / Commercial Disputes Manager

Recruited to work through disputed final account on two large water projects for Design and Build side of AECOM, this required independent assessment of both defined cost and compensation event assessments. Transitioned from this role to commercial lead on AECOM Water's largest project in the UK, I was responsible for the management of all aspects of the project, including the liaison between Project Team, external and internal Counsel and Expert Witnesses. My role included preparation works for dispute resolution, which developed into a dispute avoidance work. After this project, I was appointed Commercial Disputes Manager for the Water Business, providing independent advice on the management and resolution of claims on projects

across the United Kingdom and Middle East.

2021 to 2026 – CCI / Rimkus – Associate Director (Quantum)

Recruited within CCI's Quantum Team to provide Expert Advisory and Expert Witness services to the Construction and Insurance markets. I worked as Lead Assistant within Adjudication and Arbitration proceedings within the UK, Europe and Far East Regions, in addition, I have been appointed Quantum Expert responsible for delivering independent assessments upon the matters referred to clients and instructing solicitors. In addition to these services, I have delivered training and coaching on quantum matters, particularly on the NEC Suite of Contracts.

2026 to Present – Quantis Consulting – Director (Founder)

Set up my own boutique Consultancy to continue to provide Expert Witness and Expert Advisory / Commercial Services either independently or in collaboration with other organisations associated with construction and insurance markets across all major sectors. Currently engaged and retained by a number of Quantum Expert's supporting their organisation and growth plans providing synergy to that of my own.