



PROFILE

I am Chartered Quantity Surveyor with over 25 years of experience across building, infrastructure and civil engineering sectors, having held senior roles with Main Contractors, Specialist Contractors and Consultancies.

My core expertise lies in the commercial management of contentious projects, including dispute avoidance and resolution, consulting and the provision of independent expert quantum reports. I regularly provide advice on live projects to mitigate risk and prevent disputes and have served as a representative on a Dispute Resolution Board for an infrastructure Joint Venture Framework.

I am experienced in adjudication and arbitration, providing forensic cost analysis and valuations of cost, loss, and damages, with clear, defensible quantum assessments. I also have significant experience in the commercial administration of large-scale projects, advising on risk mitigation, pricing, estimation, and the negotiation of bespoke or amended contract conditions.

As an accredited NEC Project Manager, I have extensive experience with NEC3 and NEC4 contracts, including the Professional Services and Supply Forms. I provide specialist advice on Project Manager duties and obligations and have recently been engaged in several professional negligence matters concerning the conduct of Project Managers under NEC contracts.

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 as Quantum Expert to evaluate a disputed final account concerning drylining, suspended ceilings, slab insulation, secondary steelwork, riser doors, and passive fire protection. This commission required detailed assessment and analysis of entitlement, including extension of time using both actual cost and earned value methodologies, disruption impacts, loss of head office overhead recovery, and the valuation of disputed variations. The work involved producing clear, defensible quantum assessments to support the resolution of the account between the Parties. *Solicitor: Howes Percival*

Leisure Facility, London

Appointed to provide an independent quantum review and analysis of remedial costs incurred following the occurrence of an insurable event. The commission required a comprehensive review of all documentation provided, identifying inconsistencies between the amounts claimed and the cost substantiation available. Further analysis was undertaken to provide opinion on what information is required to establish the proximity between the costs incurred and the damage sustained.

Industrial Facility (Bakery) - Northwich

Provided Expert Quantum advice to the loss adjuster in relation to the remedial works scheme following fire damage at an industrial bakery facility in Northwich. The commission involved reviewing the scope of remedial works against the existing specification and verifying that the costs obtained were representative of open market conditions. This required detailed analysis of the proposed works, benchmarking against industry rates, and ensuring that the valuation was both commercially reasonable and technically defensible. *Appointing Organisation: Sedgewick*

Multi-Purpose Development - NEC3 Option C, 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*

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, which formed the subject of Adjudication proceedings. This commission

required a detailed examination of the cost records, contractual entitlements, and supporting evidence to determine the validity of the claimed losses. The analysis focused on establishing a clear, defensible quantum assessment that addressed both time-related costs and the broader commercial impacts arising from the extensions of time. *Solicitor: BCLP*

Residential Development - JCT 2016, London

Provided quantum assistance to the Contractor in relation to numerous unpriced Contract Administrator's instructions issued during the works. This commission involved undertaking detailed measurement, determining the most appropriate rates, and evidencing and quantifying the extent of uninstructed change. The analysis formed part of the Contractor's submissions within Adjudication proceedings, ensuring that the valuation of the disputed instructions was both technically robust and contractually defensible. *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 as Quantum Expert in relation to the Contractor's loss and expense assessment within Adjudication proceedings. This commission required determining the time-related costs associated with extension of time periods, based on the analyses provided by each Delay Expert. In addition, the work involved calculating Subcontractor loss and expense, staff thickening, and loss of head office overhead. My instructions also required a detailed assessment of the ten highest-value disputed variations arising during the project, ensuring that each assessment was in accordance with contractual provisions. *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. Each cost or invoice needed to be examined and matched with the identified cause of failure, so that only the cost resulting from the presence of NiS were considered in the assessment. The works also included pricing an alternative scheme associated with the remedial works. *Solicitor: Brodies*

Acute Hospital – 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 link bridge 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 as Quantum Expert to provide opinion on alleged negligent actions of the Project Manager and Designer. This commission required calculating the Contractor's final account under an NEC4 Target Cost Option C contract, together with a re-assessment of compensation events based on the Defined Cost records available at the dividing date. Further work included calculating the inflationary adjustment under clause X1 for both the Price of Work Done to Date and the compensation events, ensuring that the assessment was contractually compliant. *Solicitor: Birketts*

Major Highway – NEC4 Option C, Cambridgeshire

Worked with the Quantum Expert on determining both the original cost and the remedial works scheme cost arising from a defect under an NEC4 Target Cost Option C contract. This required a detailed review of the actual Defined Cost records to establish the costs directly attributable to the damage. It was also necessary to develop a contractual payment model to quantify the loss suffered by the Contractor, while simultaneously accounting for other commercial matters arising under the Contract, including Target Cost adjustments and pain/gain share implications. *Solicitor: Kerrigans*

Major Highway & Bridge Project - NEC3 PSC, 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 Designer's claims under the professional services contract. *Solicitor: Sloan Plumb Wood*

Highway Infrastructure – Bespoke, East Ayrshire

Worked with Quantum Expert regarding the evaluation of a three dispute variations associated with the cost differential between processing site won material (three material types) in comparison to bulk import cost. Range in dispute c. £2.4m. *Solicitors: Kerrigans Construction Lawyers*

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. *Solicitor: Brodies*

Flood Alleviation Scheme – NEC3 Option C, Aberdeenshire

Worked with Quantum Expert associated the evaluation of several 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. *Solicitor: Brodies*

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. It was also necessary to prepare alternative assessments based on the information included within the pleadings. *Solicitor: Simmons & Simmons*

POWER & ENERGY

Gas Compressor Station, Staffordshire

Worked as part of a specialist quantum and accredited Project Management team to provide an independent assessment and verification of the quantum in dispute across several compensation events with a combined value more than £21 million. A core element of this commission involved a detailed review of the Defined Cost (both forecast and actual at the dividing date) to confirm the extent to which the costs were attributable to the varied scope. This required isolating and omitting costs unrelated to the compensation events, ensuring that only those costs properly due under the contract were included within the assessment. *Solicitor: Mills and Reeve*

Wind Farm, NEC4 Option C, East Ayrshire

Worked with the Quantum Expert on the evaluation of a disputed compensation event with a delta of £2.6 million between the Parties. The assessment focused on determining the cost differential between importing over 77,000m³ of material and the alternative option of sourcing and processing the same material classification from within the site boundary and working area. This required a detailed review of the Defined Cost associated with each option, including verification of quantities, processing requirements, haulage impacts, and the extent to which each cost component was properly attributable to the compensation event. *Solicitor: Kerrigans*

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. Initially, I established a timeline of major events for each Waste to Energy project, focusing on commercial aspects like pricing, tendering, subcontracting, and 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. The tasks involved verifying the accuracy of the claimed costs and determining if those expenses were connected to the defective work and the proposed remedial plan. 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. My role required that undertook 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 - Bespoke Contract, 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 several 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. I was also responsible for validating steelwork measurements, evaluating outputs and labour norms used during claim assessments, as well as reviewing and verifying invoice costs. *Solicitor: Pinsent Masons*

WATER

Water Treatment Works – NEC3 Option C's, Surrey

Appointed as Quantum Expert to provide opinion on remedial costs advanced through insurers. The commission required assessing the veracity of the costs claimed and reviewing the contractual provisions to ensure that all costs were allowable and properly 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 four 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 three hundred separate events. My 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

I acted as the Designer's Commercial Lead, coordinating the requirements of the legal team in relation to a "smash and grab" adjudication. My responsibilities included the preparation / collation of evidence, ensuring strict compliance with the contractual provisions. Following the adjudication, I prepared the final account and participated in settlement discussions, leading to the agreement of the final account between the Parties. *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*

DEFENCE

Shipbuilding – NEC4 Option C, Glasgow

Appointed as a specialist Quantum and accredited Project Management professional to provide an independent assessment and verification of the quantum in dispute across several compensation events, with a combined value more than £2 million, and to assist with the contractual administration between the Parties. A key part of this role involved ensuring that the Parties adhered to the contractual provisions, including maintaining response periods and operating strictly in accordance with the requirements of the NEC4 contract.

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 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. I was tasked on civil engineering works against Subcontractor which required measurement and assessment of works which resulted in settlement agreement and repayment more than £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.