



engineering
new zealand
te ao rangahau

ENGINEER TO THE CONTRACT

PANEL BIOS

(ALPHABETICAL BY FIRST NAME)

Alice CHAPLIN
Andy GRAY
Arthur AMPUTCH
Brett HEAVEN
Cathy FORREST
Craig BYERS
David CHUNG
David McLERNON
David SPRIGGS
Elliot DUKE
Fraser ROBSON
Gary TOWNSEND
Glenn O'CONNOR
Helen PULLAR
Hugh CHERRILL
James ANDREWS
Jeremy BROWN
Jim MUIR
John KERR
Josy COOPER
Kerry NEWELL
Lawrie SAEGERS
Mark MABEY
Mark WILLIAMS
Martin LEAK
Mike HANSON
Natasha POSSENNISKIE
Patrick HANLON
Paul BELCHER
Paul GARLICK
Peter BAILEY
Peter OLLIVIER
Philip MOLINEUX
Phillip McCAMISH
Polly HALL
Simon BARNES
Steve GRIFFITH
Tim PALIN
Tom HARTNETT

ALICE CHAPLIN MEngNZ MEng CEng MICE

Alice is the New Zealand General Manager for Tetra Tech Coffey, an engineering consultancy specialising in geotechnical, environmental and project management services. She is an experienced Engineer to the Contract under NZS 3910 and NZS 3916, and a Chartered Civil Engineer (UK). She moved to New Zealand from the United Kingdom in early 2008 and has well over 20 years of experience across NZ, Australia, the Pacific, and the UK.

Alice is particularly interested in being EtC on projects where the project is committed to establishing a high-performance, outcomes-based, inclusive team culture, through strong relationships and trust. She encourages teams to honestly evaluate performance and incorporate the learnings from these evaluations back into the project. She is passionate about working collaboratively in integrated, best-for-project teams, which deliver for our communities.

Alice has experience across many areas of engineering and construction, being particularly experienced in the water and wastewater sector for treatment plants, pipelines, outfalls, and pumping stations. She is interested in future roles as EtC on projects nationwide.

ANDREW GRAY ANZIQS AAMINZ

As a construction professional, Andy is committed to improving the contract process to ensure a more efficient approach to construction and collaboration by all parties.

His extensive knowledge of construction contracts comes from 45 years of expertise in the construction industry spanning both the private and public sector. Although his career started in quantity surveying, he moved on to project management and consultancy including dispute resolution. He has built technical skills in construction and property development which culminated in becoming the President of the Auckland Master Builders Association. His experience ranges from social housing to very high-end housing, multi-storey apartments, industrial buildings, heavy civil and sub-divisional work. Recent work with the Ministry of Housing and Urban Development has given him the opportunity to engage with community housing providers to provide warm, safe, and secure houses for those in need.

Andy has a strong character with excellent communication skills, which helps in leading purposeful discussions with objectivity, understanding principal and contractor perspectives. Having acted as Engineer to the Contract and Client Representative, he values relationship management as the number one tool to achieve success in a construction project. Serving in an advisory role, he strives to strike a balance between the EtC function with the practicalities of working in a construction environment.

Andy is based in Auckland and is interested in future roles as EtC on projects nationwide.

ARTHUR AMPUTCH FEngNZ CPEng

Arthur has more than 30 years' experience in civil and environmental engineering and infrastructure development, with expertise in consultation and planning, design management, and tender and construction contract management. He has extensive experience of procuring and administering contracts under NZS 3910 and has similar experience of NEC3 and FIDIC contracts.

Arthur has been responsible for the execution of civil engineering and infrastructure projects throughout New Zealand with professional services values up to \$25 million and Engineer to the Contract for projects with physical works values up to \$500 million each. He is EtC for Matawii Water Storage Reservoir (Dam) for Te Tai Tokerau Water Trust in Northland, the New Lynn to Avondale Shared Use Path for Auckland Transport, and civil and infrastructure works for multiple Summerset Retirement Villages throughout New Zealand. The projects have a combined value of over \$2.5 billion, with physical works for the individual projects ranging from \$350 million to \$500 million. These include projects in the Canterbury, Hawkes Bay, Waikato, Auckland, and Northland regions.

Arthur is interested in future roles as EtC on projects nationwide.

BRETT HEAVEN

Brett is a co-founder of Rubix Ltd, a New Zealand owned national project management consultancy, and has relished the opportunity to grow the team into a thriving business. Brett has a formidable skillset developed over 18 years of experience in the construction project management industry. With a practical background and an inquiring mind that enables him to ask the right questions of the right people, and to understand the execution of projects as they develop on site, he has a decisive approach which consistently delivers results.

Brett is passionate about the industry and enjoys forging strong networks and trusting relationships with those around him. He is a direct communicator and confident negotiator, both invaluable attributes in the construction industry and as Engineer to the Contract. He has experience both as a business leader and in many varied project delivery roles including project manager, project director, EtC, and client representative. He has excellent construction management skills, extensive knowledge of NZS 3910, and experience in EtC roles.

Brett has over 18 years' extensive experience across a wide range of construction projects ranging in value from \$1 million up to \$140 million. He has performed the role of EtC for projects from inception and has also been contracted to take over distressed projects during construction, working logically and diligently through issues to achieve successful outcomes. Brett has honed his skills by successfully navigating complexities and challenges on projects in education, health care, commercial, retirement villages, hotels and apartments including those with weather tightness remediation issues.

Brett understands the importance of developing trust-based relationships with all members of a project team. He believes it is as important to listen as it is to ask questions in the process of determining equitable outcomes. Although the EtC role is to administer the contract fairly and impartially, and make decisions when required, the position also has an obligation to all the parties to consider and support approaches that minimise the cost and disruption as much as possible. Brett understands the impact of the decisions made and the need to ensure that all information is considered and the decisions that are made are supported by clear evidence in the contract.

Brett is interested in future roles as EtC on projects nationwide.

CATHY FORREST CMEngNZ CPEng

Cathy is a Chartered Professional Civil Engineer with over 25 years' experience and leads the Civil Infrastructure team for AECOM in the South Island. Cathy is a Technical Director with extensive experience covering large public infrastructure projects and smaller upgrade works as well as private developments.

She has worked in the South Island as Project Director, Team Leader, Design Manager, Engineer to the Contract and Engineer's Representative on various local council and Waka Kotahi projects for the past 15+ years. Cathy is interested in future roles as EtC on projects in the South Island.

CRAIG BYERS BE(Hons) (Civil) MEM MCOM Prince 2

Craig's experience spans over 20 years in the delivery of capital projects across the infrastructure and building sectors. Craig has worked as a design consultant, main contractor project manager, project director and principal's representative, which has provided him with the opportunity to understand all sides of the table.

With Engineer to the Contract experience in the NZS 3910, NSC 3916, and NSC 3917 contract forms as well as FIDIC Gold Book and bespoke contract EtC roles, Craig currently supports regional councils, territorial authorities, government entities and private companies with their EtC requirements. He is a Project Director with Savills NZ and holds memberships with Engineering New Zealand, New Zealand Society of Construction Law, New Zealand Green Building Council, and Property Council New Zealand. The ability to establish a contractual framework for successful project delivery is one of Craig's strengths, which he provides through leadership, risk assessment, and contractual/procurement advice during the pre-contract planning phase.

Craig is available throughout the entire South Island and in the major North Island centres to provide EtC services in the transport, Three Waters, property, and vertical construction sectors across projects ranging from \$2 million to \$100 million.

DAVID CHUNG cMEngNZ CPEng

David is a Chartered Professional Engineer with over 30 years' consultancy experience. He has been Engineer to the Contract for a variety of construction projects across New Zealand and Fiji and has led or been part of various tender evaluation teams for local government and commercial clients across New Zealand.

David brings proven knowledge and experience in the procurement and administration of contracts using both the suite of New Zealand conditions of contract and the International Federation of Consulting Engineers (FIDIC) suite of contracts. In his role at Calibre as Principal - Procurement & Contracts, he is recognised as a specialist in the preparation of contracts and undertaking contract administration, providing both internal training and mentoring and servicing external clients in the procurement and delivery of construction contracts. He is also experienced in the provision of project directorships and project management services in the transportation, structural engineering, civil engineering, and water disciplines, and has proven experience in developing and maintaining robust internal and external client and stakeholder relationships.

David is based in Calibre's Nelson/Tasman regional office and is available to work across Wellington and the Nelson, Tasman, Marlborough, and West Coast regions. He is keen to service projects ranging from vertical builds to civil infrastructure with capital contract values up to \$10 million.

DAVID McLERNON

After more than 10 years in the Middle East and South-East Asia, David joined Octa Associates in 1993. He was the Christchurch-based Director and Branch Manager for 25 years and has worked on numerous large-scale projects in all industry sectors. Many of his recent roles have been in governance as Project Director or Engineer to the Contract.

David is currently EtC under NZS 3910 for the \$1.4 billion New Dunedin Hospital, Taranaki DHB's \$300 million Project Maunga Stage 2 development and Wellington City Council's Te Matapihi Central Library seismic strengthening and refurbishment. He has recently completed the \$500 million Acute Services Building (Waipapa) at Christchurch Hospital, the \$52 million An Accessible City Contract for Ōtākaro, NZTA's \$400 million Christchurch Southern Motorway Stage 2, and was Employer's Representative under FIDIC for the \$482 million Ngatamariki Geothermal Power Station.

As well as qualifications as a Chartered Professional Engineer (CPEng) and Project Management Professional (PMP), David is an independent Resource Consent Commissioner for Environment Canterbury, a Development Contribution Commissioner for the Department of Internal Affairs, and a Gateway Reviewer for the State Services Commission. He also holds the Chair's Endorsement from MfE/LGNZ under their "Making Good Decisions" programme.

David is interested in future roles as EtC on projects nationwide.

DAVID SPRIGGS cMEngNZ CPEng BE(Hons)

David is a Chartered Professional Engineer with 30 years' experience across a wide range of civil, three waters, transportation, and buildings projects. In recent years he has focused on Engineer to the Contract, Engineer's Representative and governance of multiple projects ranging from large (over \$200 million) to minor (under \$5 million).

David can enhance project outcomes by applying skills honed from his considerable background in construction, design, consenting, commercial, probity and procurement. As a team player, David's initial focus to problem resolution is to minimise project impacts by encouraging and assisting the parties to reach a fair and reasonable outcome quickly and efficiently wherever possible but reverting to formal processes when required.

David is available for future roles as EtC on projects around New Zealand.

ELLIOT DUKE CMEngNZ CPEng BE Nat Res (Hons) IntPE(NZ) APEC Engineer

Elliot is a Chartered Civil and Geotechnical Engineer with 20 years of experience in contract administration, from procurement and tender evaluation through to construction observation and certification.

Elliot has acted as Engineer to the Contract for local and regional councils for Three Waters, roading projects, and flood protection schemes. Working in the private sector he has overseen large scale residential and commercial land development projects, including complex brownfield redevelopments, with significant geotechnical and land contamination issues.

Elliot is available throughout the South Island.

FRASER ROBSON

Fraser is an experienced project development manager with a background in delivering complex projects in both consultancy and client organisations. He has been involved in a broad range of projects and sectors including rail, marine, industrial, residential, commercial, civil infrastructure, education and more.

With over 20 years' experience, Fraser is a practiced project professional with diverse design, construction, commercial, business improvement, procurement and large-scale complex infrastructure delivery capability having worked in leading consulting, contractor, and client-side organisations. This experience has equipped him with a deep understanding of the dynamics of engaging across the infrastructure delivery sector. Experience as an Engineer to the Contract has been developed from a background acting as Engineer's Representative on a range of horizontal and vertical infrastructure projects. EtC projects have included port terminal expansion of around \$15 million and various Ministry of Education school redevelopment projects.

Fraser is based in Christchurch but is available to work across other regions of New Zealand, particularly in the South Island. The type and scale of projects he is looking to be involved in would include horizontal and vertical infrastructure projects of varying size, and vertical builds.

GARY TOWNSEND BSc(H) MRICS FNZIQS Registered Quantity Surveyor

Gary has over 30 years' experience in the construction industry in both the United Kingdom and New Zealand, and has worked for both main contractors, housing developers and as a consultant Quantity Surveyor. Currently the Managing Director of Maltbys Ltd (QS/cost management consultant) he has over 10 years' experience of working in the role of Engineer to the Contract, particularly for government departments such as the Ministry of Education and Kainga Ora. He is a qualified member of the RICS, a Fellow of the NZIQS, a NZIQS Registered QS and has a BSc(Hons) degree in Quantity Surveying.

Gary has experience in the role of EtC in projects ranging up to \$150 million and can undertake the role throughout New Zealand.

GLENN O'CONNOR CPEng BE(Hons) (Civil) PMP

Glenn is a Chartered Professional Engineer with over 22 years of experience in the civil engineering industry. Over the last 15 years he has held the role of Engineer to the Contract on numerous large infrastructure projects encompassing rail, road, land development and Three Waters projects. Most recently he has held the role of EtC on the Invercargill City Streets Upgrade project, the Waka Kotahi Elles Road Roundabout project, Fiordland Estates subdivision in Te Anau, and the Te Anau Wastewater Transfer Pipeline and Membrane Treatment Plant project for Southland District Council.

Glenn is based in Invercargill, Southland, and has previously worked on projects from Kerikeri to Stewart Island. He is interested in future roles as EtC on infrastructure projects nationwide.

HELEN PULLAR [CMEngNZ](#) [CPEng](#) [BE\(Civil\)](#) [GradDipBusStuds \(Dispute Resolution\)](#) [IntPE\(NZ\)](#)

Helen's experience includes NZS 3910 Engineer to the Contract and Engineer's Representative roles on civil and transportation projects - roads, bridges, land development, and civil infrastructure - while working for a large civil engineering consultancy. Having established her own consultancy EngDevnz in 2021, Helen's specialty is providing clients with contract management advice and acting as an independent Engineer to the Contract. In addition to completing her BE in 1992, Helen has a Graduate Diploma in Business Studies (Dispute Resolution) from Massey University and the New Zealand certificate in Infrastructure Procurement Procedures Level 6 which complement her contract management knowledge.

Helen is based in Christchurch and as well as working in Canterbury is open to being involved with projects in the West Coast and Otago.

HUGH CHERRILL [CMEngNZ](#) [CPEng](#) [BSc\(Hons\)](#) [PhD](#) [MICE](#) [CEng](#) [CEnv](#) [SiLC](#) [IntPE\(NZ\)](#)

Hugh is a Principal Civil/Environmental Engineer with Tonkin + Taylor based in Wellington. He is a Chartered Engineer and Chartered Environmentalist (UK) and Chartered Professional Engineer (NZ), with more than 30 years' experience of civil engineering projects. These projects have involved slope stability and retaining structures, contaminated land, landfill engineering, sea and river defences, water, and wastewater reservoirs, and roading projects. His involvement in such projects ranges from investigation through design, project management and consenting to tender and construction contract administration and construction monitoring. This gives him a broad understanding of civil engineering design and construction from both a technical and process perspective.

Hugh is experienced in the preparation of construction contract documentation and has acted as Engineer to the Contract on a considerable number of small to medium size construction contracts under NZS 3910 as well as some NZS 3910 and NZS 3917 fixed term landfill operation contracts. In carrying out the role of EtC, Hugh combines his wide experience of civil engineering with a practical and collaborative approach based on clear communications and understanding of roles and responsibilities. He works mainly in the lower North Island and upper South Island.

JAMES ANDREWS [MEngNZ](#) [BE\(Hons\)](#) [MBA \(Dist\)](#) [MPMI](#)

James has undertaken public and private sector built environment projects in New Zealand, the Pacific, the Middle East, Africa, and the UK over three decades; the last two in project lead and senior management roles. He holds Bachelor of Engineering and Master of Business Administration degrees, with further training in programme and project management (MSP, PRINCE2, PMP).

His sectorial experience encompasses commercial buildings, mixed-use, retail, hotels, large-scale housing, education, airports, industrial, oil and gas, waste, and climate to over \$300 million CAPEX. Within New Zealand, he has been Engineer to the Contract for various housing and commercial projects between \$1 million to \$45 million contract value and led NZS 3910-based programmes up to \$170 million CAPEX.

James uses his wide origination, planning and delivery experience so that any project, large or small, is set up to be successful from the outset. When issues arise, he engages the entire team in resolving them. James is available to work in lower Northland, Auckland, Waikato, and the Bay of Plenty.

JEREMY BROWN

Jeremy has more than three decades' experience in all aspects of project management and commercial management in New Zealand and the United Kingdom, having gained experience with client side, contractors, and professional consultant offices. As a property professional he has an extensive track record leading the development and implementation of large complex programmes and projects, and consistently exceeds clients' business needs and expectations regarding targets for quality, time, and budget.

As proven by his senior management positions, Jeremy succeeds in leading people, engaging with clients and team members and utilising work ethics to develop and deliver successful projects. Before joining RDT Pacific, Jeremy's global experience has included senior project and cost management positions with Canary Wharf Group, Mace Group, Arup Project Management and Beca.

JIM MUIR

Jim has had almost 48 years of civil engineering experience in the infrastructure development of New Zealand, and is a Chartered Professional Engineer, a Fellow of Engineering New Zealand, and a Fellow of Engineers Australia.

He grew up on power development projects in Otago and the Waikato before commencing work with the Ministry of Works and Development (MWD) on the Tongariro Power Development project in the central North Island. After nine years he transferred to Northland where he was heavily involved in the devolvement of MWD and the outsourcing of public infrastructure projects to the private sector.

Jim has acted as Engineer to the Contract for government departments and territorial local authorities for most of the last 35 years. He is currently based in Auckland as Engineer to the Contract for several Waka Kotahi, Defence, and local authority contracts throughout New Zealand, but has been involved in hundreds of projects throughout New Zealand, Australia, and Fiji.

Jim is available for projects anywhere in New Zealand, and currently has projects between Queenstown to Northland.

JOHN KERR

John is a civil engineer with extensive experience at senior levels across the consulting, contracting and local government sectors, in a wide range of infrastructure development, operation and maintenance. He brings experience in traditional NZS 3910 contracts along with Design & Construct and Alliance type procurement processes.

John has recently completed his role as CPS Lead on the Christchurch Northern Corridor and has led major civil engineering infrastructure projects in New Zealand. These have included Auckland motorway improvements, the Waikato Expressway and construction teams that have delivered improvements projects on local road networks as well as state highways throughout the North Island. John's diverse experience acting in contract roles has also include a wide range of infrastructure improvements projects such as Three Waters reticulation and treatment, energy, and industrial site development.

John has been involved with the technical and commercial aspects of the infrastructure industry as a client, consultant, and contractor. This allows him to provide insight on how key parties to a project can work effectively together to successfully deliver projects, whether routine, major or complex. He has worked across a range of contract types in the transport, water, local government, and energy sectors and looks forward to supporting the delivery of contracts for a variety of clients.

John is based in the Waikato, and can operate in the Waikato, Bay of Plenty, and central North Island area.

JOSY COOPER **CMEngNZ CPEng BE**

Josy is a Chartered Civil Engineer and the Principal Engineer for Above Water Engineering. She has experience supervising and carrying out design work and EtC/construction review for projects in the Greater Waikato, Bay of Plenty and Auckland regions. Her areas of expertise include HDD (Horizontal Directional Drilling) design, pipelines, pump stations and stormwater management.

Josy is available to work in the Greater Waikato, Bay of Plenty and Auckland regions

KERRY NEWELL **MNZIQS MAIPM Certified Practising Project Director (AIPM)**

Kerry has more than 25 years' experience in the New Zealand construction market in Engineer to the Contract roles for a wide range of sectors over his career, including central and local government and private clients. He is recognised as having a strong contractual knowledge and has acted as EtC for many complex and large-scale projects (over \$200 million) across residential, education, civil infrastructure, aviation, industrial, commercial, community facility and cultural sectors.

Kerry is currently employed by the large multi-disciplinary and management company AECOM and has administered large and complex claims under NZS 3910 Contracts through his EtC role. He is interested in future roles as EtC on projects nationwide.

LAWRIE SAEGERS NDQS MNZIQS Reg. QS CMIInstD

Since starting his career as a quantity surveyor with a Christchurch based main contractor in 1998, Lawrie has established himself as a focused, enthusiastic, and well-respected individual in vertical and horizontal construction throughout New Zealand. He acted in employer's agent roles in the United Kingdom between 2006 and 2008, and since joining Rawlinsons in 2008 has acted in Engineer's Representative and Engineer to the Contract roles. Lawrie is currently the Managing Director of Rawlinsons across New Zealand and is a member of the New Zealand Institute of Quantity Surveyors, a member of the New Zealand Society of Construction Law and a chartered member of the New Zealand Institute of Directors.

Lawrie has a consistent drive and determination to set projects and contracts up to succeed by maximising value for money and minimising risk, through diligent cost management and broader commercial advisory services. He is also regularly sought out to provide peer reviews on major projects and frequently acts as EtC on a wide variety of projects, providing the necessary foresight and independence to that role. This in turn develops trust and respect with all parties.

Lawrie also provides expert witness services in relation to quantity surveying and EtC matters for various forms of dispute proceedings. This also aids Lawrie with the commercial and contractual advice he provides at earlier stages of projects in order to minimise areas of potential disputes. He has the necessary experience, ethics, and empowerment to provide well informed commercial and contractual advice during the pre-contract stages of a project and proactive, timely and balanced decisions as the EtC during the post-contract stages.

Lawrie currently acts as EtC on projects throughout New Zealand ranging from \$2 million to over \$150 million. He can add value to any project, as he considers the principles of being commercially fair and equitable within the boundaries of the contract are consistent across any project, regardless of size and complexity.

MARK MABEY MRICS

Mark has experience of acting as a quantity surveyor and project manager in both New Zealand and the United Kingdom. Since arriving in New Zealand in 2011 he has acted as both Engineer to the Contract and Engineer's Representative on a variety of projects, primarily in the Auckland region. These have included new education facilities; residential refurbishment and remediation; retail and commercial refurbishments and new sports facilities.

Most of the projects have fallen in the value of \$5 million to \$20 million with some both below and above those values. Mark has extensive experience of working with body corporates and in more recent times with public sector clients.

Mark is based in Auckland but willing to consider projects elsewhere in the North Island where it makes logistical sense to be involved.

MARK WILLIAMS BSc (Building Science) MNZIBS

Mark is a senior project manager and building surveyor, who has worked on some of New Zealand's largest high-rise building and commercial repair projects. His technical expertise, open-minded approach and can-do attitude make him an ideal trouble shooter and problem solver on a broad range of construction issues.

During his career, Mark has been responsible for managing the design, costing, construction, and handover of numerous construction projects in New Zealand. His specific involvement in on-site construction has almost always been as Engineer to the Contract under the NZS 3910 form of contract. He has in-depth experience in procurement, financial analysis, and project management, from the conceptual stage through to handing over completed buildings and facilities for bodies corporate, commercial, retirement, health, and education clients.

Mark constantly strives for success and excellence in both his project management and EtC roles. Success is measured by project KPIs across time, cost, and quality, as well as by how he influences and achieves reasonable and fair outcomes relating to the myriad of issues that always crop up on construction projects. The advantages clients can expect from engaging Mark have been proven to reduce overall project delivery time and bottom-line costs.

MARTIN LEAK FEngNZ CPEng BE(Civil) Dip Ent Dip Bus Int. PE (NZ, AFNZIM MIT MloD

Martin is a founding partner and managing director of Resolve Group. For the last 30 years, he has been assisting as an independent, professional, impartial, and innovative Engineer to the Contract in the delivery of complex physical works and working with NZS 3910 and NZS 3916.

Regularly engaged by government and local authorities, Martin has a proven track record of delivering a wide range of challenging projects on time, within budget, and to a standard that meets or exceeds the client's expectations. A specialist in dispute resolution between clients, consultants, and contractors, he works with managers to ensure procedures are followed and appropriate strategies are implemented, minimising and resolving any contractual issues.

He holds NZTA Level 4 EtC accreditation, a requirement for complex NZTA projects of more than \$50 million, or design and construction, ECI variants, or high risk and complexity. Martin recently held a position on Waka Kotahi NZ Transport Agency's National Independent Professional Advisors Panel 2014-17. He is one of the few professionals nationwide to be selected as a member of the panel for Independent Engineer (EtC), Procurement, and Cost Advisors.

MIKE HANSON BSc(QS) MNZIQS

Mike is an Associate Director of RDT Pacific with over four decades experience in the construction industry, undertaking Engineer to the Contract, project management and quantity surveying services on a vast number of projects. He has experience in working on complex public and private sector projects. As such, he has an excellent understanding of the processes, procedures and project cultures that need to be adopted to ensure successful outcomes.

Since 1995 he has acted as an EtC on over 60 projects based on NZS 3910 or NZS 3916. As a measure of success, none of these projects have been subject to expert referral, adjudication, mediation, or arbitration.

Although based in Auckland, Mike acts in the capacity of EtC on projects throughout Aotearoa New Zealand.

NATASHA POSSENNISKIE

Natasha is a leading construction industry professional with more than 25 years' experience in New Zealand and abroad. Spanning both public and private sectors, her career has developed in varied senior leadership roles as a client, consultant, main contractor, and subcontractor. This affords her a 360-degree perspective of the industry and specifically of the different approaches to administering a construction contract.

For the last three years, Natasha has been the sole director of Urban Outcomes Limited, a boutique construction consultancy she established to specialise in the provision of independent Engineer to the Contract services on projects throughout New Zealand. Natasha's core business is acting as EtC on NZS 3910 and NZS 3916 contracts. She also undertakes the role of Independent Expert on NZS 3915 contracts.

Natasha specialises in vertical construction projects of any size and has experience in acting as the independent EtC on civil construction projects. Urban Outcomes Limited has a base in both Wellington and Auckland and Natasha can undertake the EtC role nationally.

PATRICK HANLON MBA DipProjMan MB(CE) BB(CE)(Hons) Dipl.QS / FRICS FAIQS CQS ICECA FCIQB MNZIQS Reg. QS GSNZAP

Patrick commenced his career in 1994 as a cadet quantity surveyor at Brown and Associates in Wellington. Two years later he transferred to the associated firm Page Kirkland in Sydney, as quantity surveyor. He moved to the company's Dubai office as an associate in 2001, then returned to New Zealand in 2007 to be a director of Page Kirkland in Auckland, which was restructured into BQH in 2009.

Patrick served on the RICS NZ Committee and the New Zealand committee of the CIOB, as well as providing mentoring to NZIQS enrolled students and chairing professional competence assessments for AIQS and RICS applicants. Since 2018, he has lectured on measurement and estimating in the Unitec Bachelor of Construction (Quantity Surveying) degree. He has also been a guest lecturer in several other programmes and universities.

His experience as Engineer to the Contract includes projects in the \$5 million to \$25 million range, with a few outliers at each end. His appointments over the past decade include 23 projects for the public and private sectors, including Ranui Library, Auckland Domain Glasshouses, Uptown Apartments, Orewa Grand Apartments, Tikipunga High School, Tauranga Boys College, Latitude Financial Services and 538 Karangahape Road.

Patrick is based in Auckland and is available to serve projects throughout New Zealand.

PAUL BELCHER Dip (ConstMgt) Quantity Surveyor MNZIQS Reg. QS

Paul is the owner and director of Construction Management, a company providing project management and quantity surveying services to the construction industry.

Paul started his career in 1995 training as a builder, giving him a complete experience of the building industry. He has a national certificate in carpentry, trade certificate in carpentry, New Zealand Diploma in Construction, with strands in quantity surveying, and is a Registered Quantity Surveyor with NZIQS.

Paul's experience as an Engineer to the Contract includes architectural housing, churches, light commercial buildings, apartments, and school projects. These include renovation and new builds. He is available in Canterbury and Auckland and has trained and qualified Engineer's Representatives in both locations.

PAUL GARLICK

Over the last 35 years, Paul has been involved in many commercial, residential, and civil projects (generally large and complex) and the administration of many NZS 3910 and NZS 3916 projects as either the Engineer to the Contract, Engineer's Representative, or Project Manager. He has gained extensive industry experience through roles in quantity surveying, major construction company work, consulting project management and EtC roles. Paul's strength is managing the many challenges to successfully deliver large and complex projects. He takes a strong structured and collaborative approach to management of 3910 and 3916 contracts and his specialist skills also include project setup, governance advice and project administration.

Paul is a leading construction industry EtC and Project Manager for both private and public sector clients. Paul's industry memberships include Australian Institute of Project Management (Certified Practising Project Director), New Zealand Institute of Quantity Surveying (MNZIQS), New Zealand Institute of Building and the Society of Construction Law.

Paul is currently employed by the multi-disciplined engineering, design, and management company AECOM. He is available to serve projects throughout New Zealand.

PETER BAILEY FEngNZ CPEng 57051 BE(Civil)

Peter has had a prominent engineering career covering roles in national and local organisations providing both strategic leadership and technical knowledge. His skills are acknowledged in a broad range of fields: water supply, sewerage, stormwater, reserves management, solid waste management and minimisation, and transportation.

Peter has over 38 years' experience in contract management and has undertaken roles of Engineer to the Contract for over 20 years involving road maintenance, road construction and bridging contracts. EtC was part of his role as Regional Asset Manager at Transit New Zealand from 1995 to 2002, and as General Manager Asset Management and Operations at Porirua City Council from 2002 to 2016. The value of these contracts ranged up to \$12 million for maintenance and up to \$35 million for construction.

His management of the construction implementation of the Thorndon Overbridge Strengthening Project (\$18 million) won recognition for Innovation for the use of "Partnering" by the New Zealand Institute of Building in 1999. He currently delivers the EtC roles for four separate local councils. The number of contracts involved that are active at any one time is between 20 to 30, and these contracts have annual values ranging from \$750,000 to \$3 million.

The primary tasks Peter undertakes as EtC are being an independent person that the parties to the contract can refer an issue to for resolution, mentoring support to the client's Engineer's Representative, and reviewing the administration of the contracts by the client's staff. Peter can work throughout New Zealand. His current working locations are the Waikato, Bay of Plenty, Tairāwhiti, Hawkes Bay and Wellington regions.

PETER OLLIVIER FEngNZ CPEngNZ IntPe MICE MIPES APEC Engineer

Peter sits on the Senior Leadership Team at Calibre, leads the company's advisory sector, and provides wide-ranging management advice across the company's civil engineering and building construction projects within New Zealand and overseas. He has a strong background in management and governance as well as project and contract management.

As Senior Project Director at Calibre, Peter oversees selected projects, provides technical oversight and mentoring for staff and acts as Engineer to the Contract as required for local and central government clients and overseas development projects. In his role within the company, he also acts as trouble-shooter to negotiate and resolve contract issues if they arise. He has Level 3 Waka Kotahi EtC accreditation and is a Gateway Reviewer on behalf of Treasury.

Peter is based in Wellington so prefers projects in the lower North Island or top of the South Island. He prefers civil infrastructure projects of up to \$50 million in value but is prepared to assist outside this range if required.

PHILIP MOLINEUX

Phil has over 35 years' experience within the construction industry as a professional Quantity Surveyor. Having completed a degree in quantity surveying in the UK, he gained over 17 years' experience as a consulting QS and in contract administration before emigrating to Maltbys Ltd, Auckland where he is an Associate Director. Before leaving the UK, he had considerable social housing experience as an 'Engineer to Contract' or 'Employer's Agent' under the UK JCT standard building contract and has experience in the ICE Civils Contract.

Phil is a qualified member of the NZIQS and is a Registered Quantity Surveyor. His work experience in both New Zealand and the UK as a professional consultant QS and EtC means Phil has a wealth of contract administration experience. He uses his practical and logical skills in resolving the key issues in construction contracts in a proactive and collaborative proactive manner.

Maltbys are one of the most well established (since 1929) and trusted QS practices in New Zealand where Phil has been operating in the role of Engineer's Representative or Engineer to the Contract since 2016 particularly for Kainga Ora Homes & Communities and the Ministry of Education on a variety of projects by size, value, and complexity. Operating in the role of EtC utilises his more than 35 years of industry experience, supplemented by his core qualifications and skills as a QS.

Phil also fulfils the role of expert opinion and acts in legal disputes, including performing as an expert witness at adjudication and arbitration proceedings. He is available for roles in the North Island, mainly in the Greater Auckland, Waikato, and surrounding areas.

PHILLIP MCCAMISH NatDipQS BCon(CE) Reg QS

Phillip is a Director and Quantity Surveyor with Maltbys Construction Cost Consultants in their Auckland office. He has over 24 years' experience in the construction industry and is a Registered Quantity Surveyor with the NZIQS, having completed both a National Diploma in Quantity Surveying (NDQS) and a Bachelor of Construction (BCon[CE]).

Phillip has worked as both a quantity surveyor for a first-tier main contractor and as a consultant quantity surveyor in the commercial retail, social housing, apartment, education, weathertightness remediation and healthcare sectors on a variety of special and unique projects worth up to and exceeding \$100 million. This stands him in good stead to act in the trusted role of Engineer to the Contract. His project experience in the role of EtC covers projects that include schools, residential, retail, and industrial developments, with values from less than \$1 million to \$27 million. His approach to the EtC role is a collaborative one, working with clients and contractors in a fair and balanced approach that identifies risk, minimises conflict and helps stakeholders achieve their aims for project delivery.

Phillip can service projects anywhere in the upper North Island but is most regularly engaged on projects in the greater Auckland and Northland regions.

POLLY HALL

Polly is a highly capable and commercially astute Engineer to the Contract with over 20 years' experience in the construction industry. She regularly fulfils the role of EtC in NZS 3910 and NZS 3916 forms of contract. Having successfully navigated both clients and contractors through the recent challenging times in the industry, she can add real value to vertical construction projects for both private and public sector clients.

Her expertise is in housing, education, commercial and retail developments up to \$20 million in value.

Polly is based in the Bay of Plenty (Tauranga) and available to act as EtC for projects located in the North Island.

SIMON BARNES

Simon has over 40 years' experience across a wide range of commercial, residential, industrial, and retail developments. He was a director of Davis Langdon and its predecessors for 25 years prior to its sale to AECOM in 2010. Simon is a founding Director of Barnes Beagley Doherr and as Technical Director is a senior member of the team and a leader within the business. Simon is a registered Quantity Surveyor, a Life member of the New Zealand Institute of Quantity Surveyors and a Fellow of the New Zealand Institute of Building.

Simon is a motivated individual dedicated to ensuring the best outcomes for his clients, working collaboratively with them to develop long term relationships. His experience and expertise are recognised in the industry, and he is utilised extensively to negotiate contracts, act as Engineer to the Contract, and provide expert opinions on a wide range of projects. His depth of experience allows him to provide clear and consistent advice which allows clients to make timely and informed decisions, adding value and reducing risk.

Simon is based in Auckland and is the director in charge of the advisory services and construction management phase of projects including the role of EtC. Simon's specialist areas of expertise are EtC, procurement, contract negotiations, bank QS, project auditing, general advisory, and expert witness services.

Simon is recognised in the industry as an experienced EtC and works throughout New Zealand. Over the years he has undertaken this role for many projects in a variety of sectors, ranging in value from \$1 million to \$250 million. He specialises in vertical construction.

STEVE GRIFFITH

Steve comes from a construction management background with over 20 years of experience in the transportation industry, working for key clients such as Waka Kotahi, Auckland Transport, the Auckland System Management (ASM, formerly the AMA), and Australian clients such as Mainroads Western Australia, Transport for New South Wales, and Transport for Victoria.

Steve is currently the Engineer to the Contract for the Auckland Airport Baggage handling services, and the enabling works for a key work package associated with the terminal integration project. Steve is also currently supporting both the EtC and Contractor's Representative across capital infrastructure projects that include Bayfair to Baypark in Tauranga, the Piarere to Taupo safety improvement works, and Glen Innes to Tamaki Drive Shared Path in Auckland.

Steve is experienced in navigating the intricacies of NZS 3916 as well as NZS 3910 and has worked with various contract forms on technology projects.

Steve is available to discuss acting as EtC for any mid-size contracts in any region within New Zealand.

TIM PALIN

Tim is an experienced Engineer to the Contract with both vertical building and horizontal infrastructure experience, including large scale residential and commercial developments, as well as road, rail, and underground experience, both in the United Kingdom and in New Zealand.

He is well respected by contractors, consultants, and principals for encouraging a collaborative contractual approach, being willing to draw out sensitive and contentious matters, and tackle issues to a conclusion.

Tim's additional experience includes dispute resolution, forensic schedule and delay analysis, and acting as single joint expert for disputes arising under NEC. He can work throughout New Zealand.

TOM HARTNETT

Tom is a project director with over 35 years' experience in the building industry. He started his career as an assistant building surveyor and progressed to the position of principal building surveyor through his 20-year tenure with the London Borough of Hammersmith & Fulham. Tom also managed environmental works for Hounslow Homes Limited before immigrating to New Zealand in 2005. Joining Coffey Projects in 2006 as part of the Queen Street Streetscapes project team, he moved to the Aotea Square Redevelopment project team as a senior project manager and NZS 3910 Engineer to the Contract managing its \$83 million upgrade.

Tom is currently engaged as Project Director and NZS 3916 EtC on the \$105 million Western Springs College Redevelopment for the Ministry of Education. He is also acting as NZS 3910 EtC and Project Director for Pasadena Intermediate School Phases 1 & 2 and Auckland Central Library Green Roof renewal project. He has previously acted as NZS 3910 Engineer to the Te Oro Glen Innes Music and Arts Centre, Te Atatu Peninsula Library and Community Centre, and Uxbridge Arts and Culture Centre for Auckland Council. Tom has also been NZS 3910 EtC for the Ministry of Education's Wellington School Projects at Karori Normal and Khandallah schools. He has recently become NZS 3910 EtC to Christchurch's Russley School Roll Growth Project and Otahuhu College Redevelopment which is currently at Masterplan Stage.

Tom has managed a diverse range of projects in sectors including housing, civic, heritage, libraries, aquatic centres/ commercial pools, and education facilities, where he has overseen the process from design brief through to the tender process, construction, to completion.