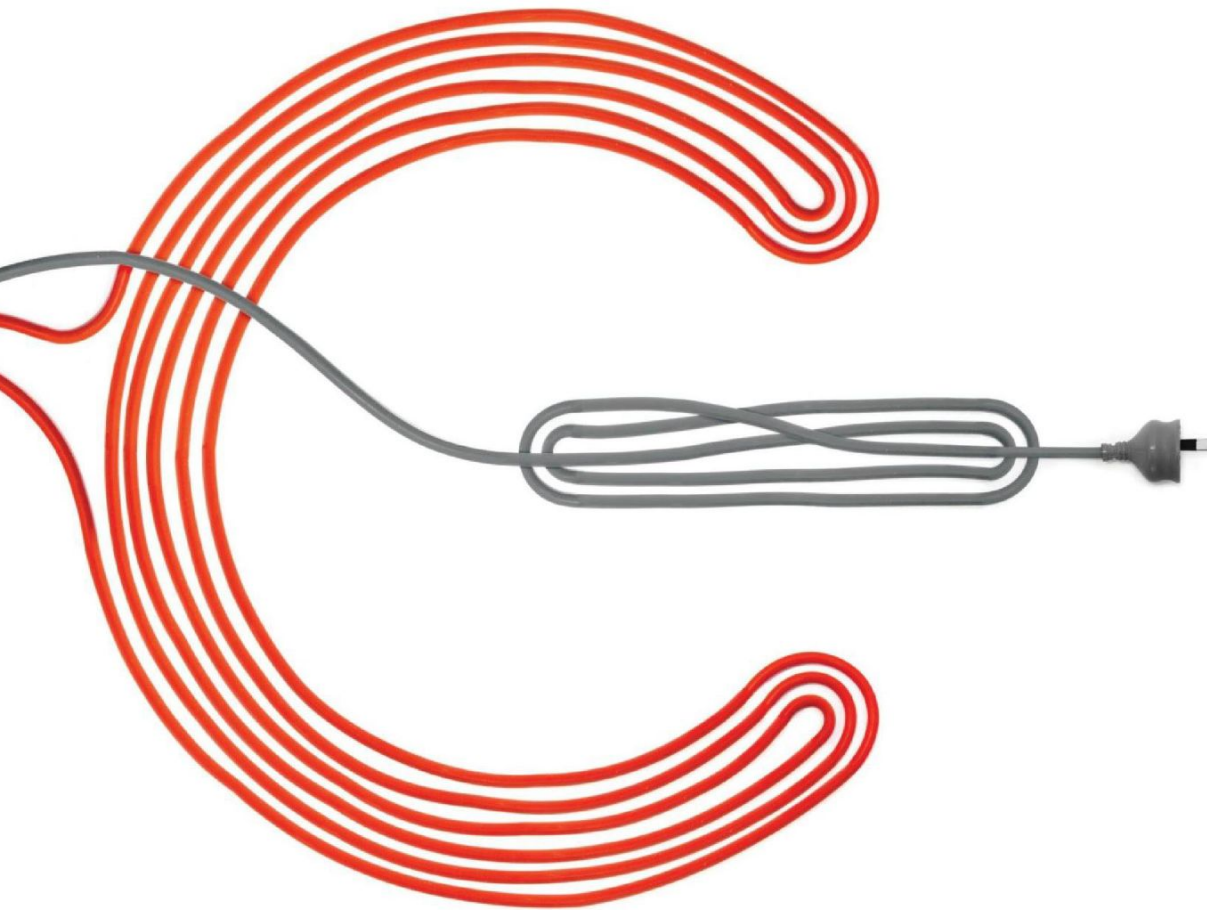




ICE
ELECTRICAL

ICE Electrical Company Attributes relevant
to Three Waters Projects

PROFESSIONAL MASTER ELECTRICAL SERVICES

Taranaki owned and operated; we strive to support our local community while providing successful electrical, instrument and control services and solutions.

The past 12 years as Taranaki leaders in the water and wastewater industry, has allowed us to gain valuable experience and knowledge that we can share with our future clients to produce award winning projects



WE PRIDE OURSELVES ON

- Project Management
- Technical Skills
- Communication
- Reliability
- Consistency and Quality
- Design Collaboration, Innovation and Knowledge Sharing

Our success is derived through accurate project planning, impeccable onsite staff and an unwavering commitment to client satisfaction.

ICE Electrical has a vast network of creative suppliers and subcontractors, ensuring that a quality total solution is presented for any project. Health and safety and quality are paramount for any ICE Electrical work, there can be no substitutions in these areas.



Quality Cable Ladder & Cable Installation



OUR KNOWLEDGE

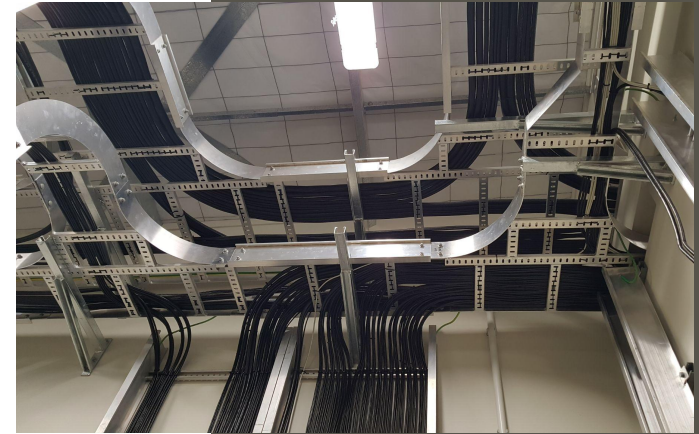
Our key Three Waters staff offer over more than 70 years of combined knowledge and skill predominantly in the industrial sector completing large projects. Our extensive knowledge and expertise in water & wastewater processes and control provide us with a deep understanding of the complexities involved in managing water treatment & management systems. This comprehensive understanding allows us to implement effective solutions that enhance system performance and address challenges in Three waters management.

OUR TOOLS

ICE Electrical operates simPRO – a real-time cloud-based asset management system. SimPRO is a value asset management tool for both technicians and ICE Electrical customers because it delivers:

- Realtime reporting
- Lifecycle costing information
- Service and maintenance progress and history
- Upcoming and planned work schedule information
- Time – critical service requests
- Asset uptime optimisation
- Access and communication with ICE Electrical technicians

We believe in equipping ourselves with the right tools in order to do our jobs safely, correctly and without issue/time constraints. This includes our modern vehicle fleet. In addition to our general equipment we have a range of specialist tools and equipment at the ready for our projects including: 60 Tonne Crimper, Process Meter, Power Quality Analyser, Temporary Fencing and Scissor lifts.



SAFETY IS PARAMOUNT TO US

ICE Electrical operates the PeopleSafe Health and Safety management system. This system ensures ICE can continue to develop a positive health and safety culture where risks are managed sensibly through open discussions and planning.

ICE Electrical adopts an integrated approach to health and safety management systems aligning with requirements of AS/NZS 4801:2001 – Occupational Health and Safety Management Systems. The framework for our health and safety management system is based around a continuous improvement methodology incorporating a continuous cycle of:

- Setting Standards
- Strategic Planning
- Implementation
- Review and Audit
- Performance Improvement

This high standard of health and safety management is supported by our continued training and knowledge sharing.



PREVIOUS THREE WATERS PROJECTS

- Stratford Wastewater Treatment Plant – Tendered price – Feb 2026 – Ongoing
- Hastings District Council Stormwater Network Monitoring – negotiated price – Feb 2026 – Ongoing
- Aintree Road Wastewater Pumping Station – negotiated price – Jan 2026 – Ongoing
- Hastings District Council Roadside Pumping Station Scada Upgrades – tendered price – May 2025 – Ongoing
- Hastings District Council Detention Dams Electrical and Telemetry Upgrades – negotiated price – Feb 2025 – Mar 2026
- Waipatiki Water Treatment Plant Chlorine Gas Upgrade – negotiated price – Apr 2025 to June 2025
- Aintree Road Temporary Wastewater Pumping Station – negotiated price – Nov 2024 – Dec 2025
- South Taranaki Business Park Wastewater Pumping Station, Hāwera – Jan 2025 to Oct 2025
- Howard Street Wastewater Pumping Station– Negotiated Project – Hastings –Feb 2024 to Dec 2024
- Eskridge Booster Pump Station– Negotiated Project – Hastings – June 2024 to Jan 2025
- Water Treatment Upgrade – Negotiated Project – Wilson Road, Hastings – Jun 2022 to Oct 2024
- Te Ara Tutohu SH3 Roundabout Stormwater Pump Station, Waitara – March 2024 to July 2024
- Water Treatment Upgrade – Tendered Project – Eastbourne, Hastings – Aug 2022 to Jan 2024
- Water Treatment Upgrade – Tendered Project – Frimley Park, Hastings – May 2021 to Jan 2024
- Water Treatment Upgrade – Tendered Project – NPDC Oakura – Nov 2021 to Feb 2022
- Wastewater Treatment Upgrade – Design Build Project – Waharoa, Matamata – May 2019 to Mar 2021
- NPDC Disinfection Upgrade – Tendered Project – Rifle Range Road NP – NPDC WWTP – June 2018 to Sept 2019
- Waimate West Bore Headworks Contract – Tendered Project – Rowan Road Stratford – STDC – Jan 2018 to July 2019
- Area Q Wastewater Infrastructure – Tendered Project – Wills Road – NPDC – Oct 2017 to June 2018
- Wastewater Treatment Plant – New Build – Fonterra Whareroa, Hawera – Feb 2016 to Nov 2017
- NPDC – Sludge Thickening – Tendered Project – Rifle Range Road NP – NPDC WWTP – May 2016 to Aug 2017
- Stratford Water Treatment – New Build – Stratford – STDC – May 2013 to Dec 2013
- Eltham Water Treatment – Upgrade – Eltham – STDC – Feb 2013 to Sept 2013

WE ARE ONLY A CALL AWAY

ICE Electrical operate a dedicated phone number for times you require an electrician after hours.

This provides you with a simple straightforward method for any emergency after hours callout that may be required resulting in a consistent process. This one-number solution removes the need to keep track of multiple numbers for the different areas.

160kW Treated Water Pumps



MAJOR EQUIPMENT SUPPLIERS

RISKS & CONTROLS

RISKS

OVERSEAS SUPPLY

- Lead times
- Cost fluctuations

CONFORMANCE

- Does not meet AS/NZS Standards
- Does not meet specification

QUALITY CONTROL

- Overseas manufacturing
- Material traceability
- Commissioning

COMMERCIAL

- Contractual requirements / disputes
- Warranties
- Training

CONTROLS

- Carry out the 'leg work' early
- Understand the supply chain
- Continuous monitoring of market to make informed decisions

- Does it do what we need it to do and meet our requirements?
- Early engagement
- Local Peer Review

- Ensure what we have asked for is what we get
- Regular communications, manufacture updates and evidence
- FAT Testing
- Identify reputable, quality products - confidence in the process

- Utilise ICE internal procurement / Commercial Team
- Understand NPDC requirements / warranties
- Manage 'chain of risk' to ensure transition from supplier to NPDC

NATIONAL / GLOBAL SUPPLY CHAIN

RISK

- Availability
- Raw Materials and proprietary products – manufactured overseas
- Lack of certainty around manufacturing and shipping timeframes
- Price volatility



CONTROL

- NZ / Taranaki have strong fabrication manufacturing capabilities. Order the minimum, fabricate and build componentry locally
- Think outside the box – explore other material options
- Leverage Excel Group – large number of projects throughout Aotearoa/NZ ordering large quantities of materials
- Local suppliers – NZ/AUS has a growing componentry market – buy NZ/AUS
- Order early – seems simple, often overlooked



Raw Water Control Valve

TESTIMONIAL

"I am currently working closely with ICE Electrical (ICE) on two new water treatment plants located in the North Island New Zealand. I have found the team at ICE to be proactive and forward thinking particularly with procurement of equipment and project management. They work well with others and focus on sound long term solutions rather than taking the short cuts that contractor often do. Their high standard of Electrical installation that is lifting the bar in the water industry.

Based on the my experience with ICE, I personally recommend ICE for carrying out Electrical Installation on any water project that requires a high standard of build quality, to be delivered on time and compliant with industry standards."

Jethro McCulloch
Stantec