



LASERCOM COMPANY CAPABILITY STATEMENT

SERVICE PROVIDER DOCUMENTATION

Company Capability Statement



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LASERCOM PTY LTD.

Lasercom Pty Ltd is a leading Fibre Optic and Electrical Installation specialist based in Queensland. Its founders have the best reputation as specialist telecommunications electrical and civil works contractor with all the requisite skills, management and resources necessary to deliver construction and maintenance services to its clients.

Lasercom Pty Ltd has built a strong and supportive client base in both the public and private sectors through its consistent performance and commitment to excellence.

Within the telecommunications and construction industry Lasercom Pty Ltd founders have carried out major projects including complete equipment and cabling systems solutions for a diverse range of customers including; Telstra (various divisions), Uecomm, Optus Business, NDC, Power Authorities, Federal and State Governments, City Councils, and private sector commercial and industrial projects .

THE ONLY CHOICE – ELECTRICAL

Lasercom specialises in installation, commissioning, maintenance, repairs and project management with additional capabilities in high voltage, hazardous areas, engineering and consultancy.

We service mining, industrial and commercial clients throughout Queensland, with our head office and workshop located in Ormeau and additional offices in South East Queensland. We supply plant, test equipment and materials to complete projects with varying scope and scape, as well as routine field maintenance and emergency breakdown assistance.

From start to finish you will get the same personnel, facilitating workflow and project delivery. We currently employ a core workforce of 15 people with a proven capacity to upscale at short notice, depending on workflow and project requirements. Our financial strength combined with our technical capability and depth of experience gives clients confidence in our ability to complete projects of all sizes. Supported by certified quality, safety, and environmental management systems, we have a proven track record of delivering safe, cost effective and quality service.

- Industrial and commercial sites
- Civil construction;
- Maintenance;
- Project management;
- Design and construct;
- Automated drafting and drawing



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THE ONLY CHOICE – TELECOMMUNICATIONS

Lasercom Pty Ltd is the only choice when seeking complete telecommunications system solutions, from civil design through to construction, including expert project management. Services are conducted by professionals with the expertise and skills to get the job done professionally on time, to specification and within budget and include expertise in:

- Telecommunication carrier networks;
- Broadband fibre optic networks;
- Blown fibre installation and terminating;
- National Broadband Network infrastructure
- Telecommunication (fibre), data (UTP and coaxial) testing and inspection services;
- Industrial and commercial sites
- Civil construction;
- Maintenance;
- Project management;
- Design and construct;
- Automated drafting and drawing

Services provided on a component basis or as a complete turnkey solution.



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CIVIL SERVICES

- Excavation;
- Trenching;
- Directional boring
- In-line trenching;
- Breakouts;
- Re-instatement;
- Traffic management;
- Supply and installation of pits and manhole;
- Supply and installation conduits;
- Concreting and asphalt works.

ELECTRICAL SERVICES – COMMERCIAL

- Both large and small projects
- Workshop, office and shop fit outs
- RCD testing
- Automatic door / roller door repairs and maintenance
- Photovoltaic (PV) installations and repairs
- Switchboard upgrades and repairs
- Emergency / Exit light testing
- Testing and tagging
- Thermal Imaging

ELECTRICAL SERVICES – INDUSTRIAL

- Repairs and Maintenance
- Large and small projects
- Industrial Automation
- Variable Speed Drives installation
- PLC programming
- Area lighting design and installation
- New and upgrade of mains services
- Thermal Imaging
- Power analysing
- Testing and tagging
- Emergency / Exit light testing



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- RCD testing

ELECTRICAL SERVICES – RESIDENTIAL/DOMESTIC

- Complete electrical installation of new homes
- Mains services
- Renovations and additions
- Switchboard upgrades and repairs
- Solar installs and repairs
- Full and partial house rewiring
- All general electrical installations and repairs
- Smoke detector installations
- Ceiling and exhaust fan installations
- RCD (safety switch) installation
- Sensor / security light installations
- Repairs to electric Hot Water Services

OPTICAL FIBRE CABLE NETWORK AND INFRASTRUCTURE

- Network design: product selection, system engineering, route identification and plans (incl. conduit type and size, cable depths, location of pits, manhole sizes and locations), construction plans, drawings and materials requirements and procurement;
- Trenching, directional drilling and pneumatic impact;
- Pit and manhole construction and installation;
- Conduit and subduct installation, rod and rope;.
- Fibre cable installation: Hauling, plough, Emtelle Fibre Flow and building backbone construction;
- Fibre splicing;
- Commissioning Fibre: commissioning and integration utilising OTDR for single and multi mode fibre analysing formats in GN Nettet, FM Tap, SOR Formats and BERT Testing;
- Infrastructure recovery: cable, conduit, pit and manhole recovery; and
- Maintenance and fault response.



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NETWORK TRANSPORTATION

- Transport Design: product selection, network planning and optimisation, system engineering, routing tables, synchronisation plans, network drawing;
- Installation: Network element and cable installations, connections and cut-overs, management system installation;
- Switch Installation and Commissioning: SDH ATM and Gigabit utilising Cisco, Enterasys, Invensys, Lucent and Siemens products and technology;
- Maintenance and fault response.

DATA INFRASTRUCTURE

- Installation: Cat 5, Cat 5E, Cat 6, Cat 6E, LAN & Token Ring;
- Workstation to Patch Panel, test & commission;
- HSD Installation: High Speed Data, Direct RG6 to Modem to computer, installation of NIC Cards (Ethernet), software installation and programming;
- Network test, survey & test.
- Maintenance and fault response.

All our personnel are fully accredited and highly trained, all our equipment is state of the art and our methodology is the most up-to-date. Most importantly our pricing is attractive and our service timely and flexible to your requirements.

ACCREDITATIONS AND CERTIFICATIONS

Lasercom hold the following accreditations:

- Electrical Contracting Licence
- Undertaking of works within Citec premises;
- Blown Fibre Products;
- Tyco accredited;
- We are TEBA and Duct Access (acc no. 0094)
- Our staff are certified to Telstra standards;
- All personnel hold applicable accreditations to use plant and equipment;
- We have a Class B Asbestos Removal Licence
- All our sub-contractors meet our accreditation standards.
- CM3

Note: We are committed to providing resources to meet customer demand in any location.



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EQUIPMENT

- Six fully equipped Electrical/Fibre Splicing vans;
- Two dedicated and fully equipped hauling crews;
- Four fully equipped civil construction crews;
- Blown Fibre installation plant;
- Multi clamp meters
- HV Testers
- LV Testers
- Insulation Testers
- Earth Testers
- Current clamps
- Ohm Meters
- CB analysers
- Gas Detecting units
- Excavators
- Tippers Trucks
- All Safety signage
- Civil works vehicles – Compactor, Saws, mixers etc.
- Trailered Cable winches
- Trailered Cable Carriers
- Service detectors and Camera's
- Light Towers
- Generators
- Barriers
- Telehandlers
- Fork Lift



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CLIENT LIST

- UEComm Operations Pty Ltd
- Optus Networks Pty Ltd
- Nextgen Networks Pty Ltd
- Visionstream Pty Ltd (NBN, Telstra Wideband and Uecomm)
- Vocus Communications
- Downer Group

QUALITY POLICY STATEMENT

Lasercom Pty Ltd is a leader in the installation of underground and above ground fibre and electrical infrastructure in Queensland. *Lasercom Pty Ltd* specialises in the planning, designing, integration and delivery of a wider range of solutions to meet or exceed the requirements of our clients.

One of our main objectives is to exceed clients' expectations & become Queensland's top provider of turn- key solutions in the communications industry. We are continually upgrading our equipment and our methods of operation within this Quality Management System.

Our personnel are suitably trained and have the in-depth experience and expertise to enable them to complete complex projects involving electrical fit off, internal/hauling cable hauling, directional boring procedures, civil works and complete building entries. We use only approved subcontractors and suppliers to ensure the best quality products and services are used.

Our main objectives are:

- Ensuring all works are completed to schedule and meet client target dates.
- Ensuring all construction work is completed to specification.
- Having accurate as built plans drawn up and copies provided to our clients within the required period.
- Keeping our clients up to date with each works as the order progress.
- Presenting all invoices to our customers within the agreed period on completion of each works order.
- Ensuring that all construction meets required specifications and that quality controls are in place to ensure compliance.
- Ensuring all staff members are qualified and trained to work in the telecommunications industry.
- By using teamwork, we will strive for continuous improvement in our methods & practices & services to our customers.



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To ensure we meet these objectives, our business has adopted a quality system that complies with the International Standard ISO 9001:2000. This Quality System should provide clients with the assurance that the projects completed by *Lasercom Pty Ltd* will be of a consistently high standard. All employees of our company are aware of these quality objectives and strive to meet with them.

The management of our company is totally committed to the implementation, and maintenance of this quality system, and in turn, expect every employee to contribute and support, within their sphere of influence, our mission.

Evidence of our company's commitment to develop and continually improve the quality management system is through reviewing the quality objectives and changing them as required, regular review meetings, internal quality audits, regular inspections of work and implementing corrective and preventative actions.

We monitor customer satisfaction through regular customer feedback.

RISK MANAGEMENT POLICY

Lasercom Pty Ltd is committed to providing staff and all persons at or near the work site, a safe and environmentally friendly work place.

To achieve this, a full risk assessment is completed for each work site before we commence any construction.

All documentation is recorded and information assessed to achieve continual improvement and minimise future risk.

Lasercom Pty Ltd will adopt all reasonable and practical measures to:

- Ensure assessment of each site to minimise and control any associated risks.
- Complete site safety documentation and risk assessments on every job site.
- Implement all risk control measures and outcomes of risk assessments.
- Continuously monitor all controls to ensure compliance.
- Assess performances to address all issues and implement improvements.
- Establish and maintain proper lines of reporting.
- Report on results both internally and externally.



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Lasercom Pty Ltd is committed to achieving a high standard of safety and environmental management in all its activities through risk assessment and risk management.

This policy represents a statement of intent and drives the setting of safety and environmental objectives and targets utilising risk management to ensure safe outcomes for its employees and subcontractors.

ENVIRONMENTAL POLICY

At **Lasercom Pty Ltd**, we recognise that the natural environment is crucial to our future. We will identify, preserve and maintain a viable ecological working environment that will sustain the words *diverse, ecological and community* and enhance the natural ecosystems and reduce the impacts on the ecological processes.

Lasercom Pty Ltd will adopt all reasonable and practical measures to:

- *Ensure that all staff and subcontractors are aware of this policy and their environmental obligations and responsibilities.*
- *Comply with all legislative and regulatory requirements.*
- *Minimise adverse environmental impacts relating to our activities.*
- *Conduct research, training and awareness to ensure a competent work force.*
- *Assess our environmental performance to address non-conformances and introduce improvements.*
- *Implement programs that strive to conserve resource and minimise waste.*
- *Establish and maintain proper lines of reporting on environmental performance.*
- *Report our environmental performance internally and externally.*

Lasercom Pty Ltd is committed to achieving a high standard of environmental management and performance in all activities undertaken. This policy represents a statement of intent and drives the setting of environmental objectives, targets and performance criteria for Lasercom Pty Ltd and its employees and subcontractors.