



INFRASTRUCTURE SERVICES

Your project. Our experience. Delivering together.



Committed to delivering you the edge by always:

- Putting safety first
- Understanding and respecting your priorities
- Communicating openly to ensure there are no surprises
- Delivering quality outcomes

THE INFRASTRUCTURE SERVICES DIFFERENCE

With a proven track record in delivering results, our Infrastructure Services team has made its name by consistently delivering on its commitment to quality, reliability, value and safety.

We understand the complexity of large scale projects and work closely with the designers, engineers and project management teams to ensure every project is delivered on time, within budget, also meeting your specifications and expectations.

Our range of services includes:

Urban Development

- Urban estates
- LCC (Large Customer Connections)

Airports

- Landside related infrastructure
- Airside related infrastructure

Roads and Rail

- Public and street lighting as well as architectural solutions
- ITS (Intelligent Transport Systems) and traffic signals

Design

- Electrical, communications, traffic signals and lighting
- Renewable energy solutions

CV Services has the experience and capability to work on a wide range of activities ranging from major highways, road infrastructure, commercial and industrial projects, airfield upgrades and expansions, through to residential and commercial subdivisions.

We have a proven track record and have worked successfully with key industry participants including Thiess, John Holland, BMD, Probuild, Seymour Whyte, Abigroup, Lend Lease and Goldings.



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URBAN DEVELOPMENT

The Infrastructure Services team provides a full range of design, supply and construction services for overhead and underground power systems and can provide a complete urban development solution.

Working closely with architects, designers and suppliers, our experienced team will ensure that your vision can be turned into reality. Our expert team has successfully completed a number of significant urban development projects with a focus on flawless execution.

URBAN ESTATE WORKS - POWERING PEOPLE

The team has worked across a broad range of urban developments and has a proven track record in delivering the energy infrastructure needed.

Our URD capabilities include:

- Design and construction of electrical reticulation for residential, commercial and industrial subdivisions in QLD and NSW
- Community title developments
- Design and construction of street lighting and traffic signals



LARGE CUSTOMER CONNECTIONS – THE RIGHT CONNECTION

CV Services offers a full design and construction service for customers with substantial load requirements - over 1MVA. Our team has the proven experience and capability to ensure that the electrical connection is right for your needs.

Our LCC capabilities include:

- Planning and design
- Installation of indoor and outdoor substations, transformers, cable and equipment
- Pit construction
- Trenching and installation of Energex conduit



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AIRPORTS

The team has an in-depth understanding of the unique challenges involved in airport environments and over the past two decades has developed proven systems to understand and manage the operational risks with airport works and to ensure successful project delivery.

Our range of airfield work includes:

Electrical reticulation

- Full design and construct
- HV reticulation
- Substation installation

Lighting

- Apron floodlighting
- LED and HPS fixed and hinged poles up to 30 metres

Airfield lighting

- RGL and MAG lighting
- HIAL and PAPI lighting systems
- Elevated and inset taxiway and runway lighting
- Installation and modification of Airfield Lighting Control Systems
- Primary, secondary cabling and series isolating transformers

Automation

- Including PLC and instrumentation

Power systems

- UPS systems
- Generator back up integration

Communications

- Fibre and copper
- CCTV
- Intercoms
- Access control

ALER upgrade works

- CCRs
- MITs
- Surge protection

Civil works

- Construct lighting tower footings
- Construct and install in situ or precast pits up to class 'G'
- High strength pavement repair/ replacement works
- Under boring and open cut duct crossings in asphalt and concrete pavements
- Pavement slotting / coring and off pavement
- Pit and duct installations

Hazardous areas

- Management of hazardous area risks

We have extensive experience working in airfield (including airside) locations and have a strong record of delivering exceptional outcomes on time and on budget.



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ROADS AND RAIL

The Infrastructure Services team has the proven experience and capability to deliver a complete solution for your road or rail infrastructure project.

Our range of services includes lighting, traffic systems and rail.

LIGHTING

Street lighting

Lighting is a key element of any infrastructure project, whether it be a new development or a retrofit. Our street lighting services include:

- Rate 2 and rate 3 street light construction
- Street light maintenance audits and upgrades
- Temporary construction lighting systems

Architectural lighting

Experienced in architectural lighting for a wide range of specialised structures including feature walls, bridges and pedestrian overpasses, our offer includes:

- A full design and construct service
- Supply and install of the latest in lighting options
- Provision of lighting control systems





TRAFFIC

ITS

Smart systems are key to growing the capacity and efficiency of our transport infrastructure. We have extensive experience in delivering ITS solutions including:

- Managed motorway management solutions
- Emergency “HELP” telephone systems and tunnel and emergency lighting control
- Operational and maintenance staff training, 24/7 service, support and maintenance

Traffic signals

Core to any transport infrastructure project, we have the experience to ensure that the traffic signal installation will be fully compliant. Our offer includes:

- Complete construction capability for new installations and upgrades
- Implementation of staged construction and temporary signal solutions
- Integration of traffic signals into external controlled systems
- Maintenance, audits and reporting

RAIL

Critical to the success of any rail project is the detailed planning and delivery that our team are experienced in delivering.

- Construction capabilities for new, upgraded and refurbished stations and platforms
- Specialised earthing and bonding requirements
- Isolation transformers and HV power supplies
- Experienced in delivering turnkey solutions for critical assets whilst under operation





DESIGN

The Infrastructure Services team offers a comprehensive design and construct capability focussed on delivering innovative and quality outcomes.

We bring together the experience and knowledge required to add value at every stage of a development.

Our design capability includes:

- Electrical & communications (overhead & underground)
- Smart city networks
- Traffic signals
- Architectural/decorative lighting
- Sportsfield lighting
- Parks and pathway lighting
- Renewable energy solutions

We offer the options to bundle design with construction in a package that best suits your needs:

- Design
- Design then construct
- Design and construct
- Construct only



CERTIFIED AND ACCREDITED TO GET THE JOB DONE



CV systems are externally certified by SAI Global:

- **Quality** certification to ISO 9001:2015 standard
- **Environment** certification to ISO 14001:2015 standard
- **OHS** certification to ISO 45001:2018 standard

CV is accredited to undertake underground and overhead work on ENERGEX assets. We are on the Ergon Energy Preferred Contractor Panel and are a Level 1 Approved Services Provider in NSW.

We are members of Master Builders, MEA (an accredited Master Electrician Australia), AI Group, the Plumbers Association, the Australian Sign & Graphics Association, the Facility Management Association and the National Fire Industry Association.

We are a Telstra approved contractor and are Molex and CommScope certified installers.

CV Infrastructure Services Pty Ltd

Electrical Contractor Licence No: 71102



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