

Capabilities Statement





Tradetech Services Australia (TSA) is a Civil Construction company that delivers a wide range of complimentary services to our customers, with the core view of providing as many **"fully integrated solutions"** as possible.

Data Centre Installations

TSA's essential role in underground infrastructure projects for Data Centres throughout eastern Australia.

With the rapidly emerging construction of Data Centres across Australia, TSA is playing a pivotal role in providing a broad suite of services to assist clients in simplifying the build process.

Our Data Centre work fast tracks the early phases of design and construct of all underground building services and entry. Our proven delivery expertise, consists of:

- Providing “in house” design for U/G services which includes clash detection and spatial planning for all services.
- Work in conjunction with principal Design Consultants for approved services and products.
- Lead the Civil works for – Trenching, pits, substation reserve area works, backfilling, compaction works.



Oversee & Project Manage a Combined Services Route (CSR), includes:

- Plumbing
- Fire Services & Cold Water
- Data & Communications
- Low Voltage Electrical Systems
- CCTV Systems
- Drainage Systems (spoon drains, drainage pits, & downpipes)
- On-site Detention (OSD) Tanks
- Legal Point of Discharge
- Bulk Earthworks
- Roads & Kerbs
- Foundation Works (deep pad foundations, bored piles, & footings)
- Fencing (Harmonic filter fencing & gates, security fencing with concrete plinth & chain wire mesh).

Additional aspects we Project Manage are – GP Interceptor tanks & Mag Flow meters.

Our clients seek to streamline their building services delivery, and our reliable CSR model enables well-coordinated programs that alleviate their concerns.

Civil Projects

Major & Minor



Civil Projects

- Deliver whole project solutions for all types of civil construction requirements.
- Underground networks and infrastructure.
- Public infrastructure-roads, kerbs, channel, seating, street hardware.
- Rail works.
- High security facilities-infrastructure and perimeter.
- Independant division within TSA.
- Full Time permanent staff all divisions.
- Full suite of the latest Plant & Equipment-Excavators, service trucks, tippers, tools.
- Directional drilling.
- Dedicated administration team.
- 2 x quarry yards, Geelong & Melbourne.
- The "Complete Services Solutions" with directly employed full time staff allows TSA to oversee service delivery with a maximum amount of control.
- VEDN accredited supplier.
- VESI accredited staff.

TSA is an experienced civil company operating within the major infrastructure sector, partnering with utility owners, Tier 1 construction companies, EPC's, hospitals, State & Federal projects, & construction companies.



Substations, HV & LV Networks

VEDN Accredited CW047

Substations

- All staff VESI accredited.
- Terminal station and substation civils (HV, LV & Comms).
- Underground networks and infrastructure.
- Cable Hauling (HV, LV & Fibre).
- Structural: foundations, concrete footings, bored piers, transformer bunds, retaining walls, & benching.
- Steel Structures: gantries, equipment support structures, light poles.
- Diverse civils: site cuts, trenching (rock & clay), horizontal directional drilling, culverts, tunnels, & drainage.
- Installations of earth grids/rods and building connections.
- Building works and substation security fencing.
- Franna crane work.
- Asset relocation and augmentation.
- Firewalls and waterproofing.

Transmission Lines & Distribution Networks.

- Transmission lines and distribution network civils (HV, LV & Comms).
- Cable Hauling (HV, LV & Fibre).
- Steel structure: pole and lattice steel structure installation.
- Horizontal directional drilling for fibre and network connection.
- Diverse civils: site cuts, trenching (rock & clay).
- Conduits & pits (HV, LV, & Comms)
- Installation of earth grids/rods.
- Access tracks and haul roads.
- Foundation extension, repair and maintenance.
- Subdivision and new estate (URD) civil, electrical and communication works.
- Installation of street lighting.
- Franna crane work.
- Asset relocation and augmentation, remediation and asset removal.
- Constructability assessments.



Harnessing Our Extensive Machinery for Project Success

Vermeer RTX 1250 Rockwheel

- 40% increase in productivity in comparison to traditional rock breakout.
- Multi purpose, Trencher, Backhoe Reel Carrier & numerous attachments.
- Ideally suited to deal with adverse ground conditions for infrastructure projects including, renewables, transmission areas, greenfield ie. solar & wind farms



Excavators

- Our construction fleet includes 27 excavators, ranging from 1.7 tonnes to 35 tonnes. These machines are equipped with a variety of attachments, including different bucket sizes, hammers, augers, swivel hooks and shackles, blades, and grabs, allowing us to tackle any project requirement.



Tipper Fleet

- TSA have a fleet of 20 tippers, with capacities ranging from 2 cubic meters to 13 cubic meters. The 13 cubic meter tippers are tandem axle vehicles, specifically used for our largest projects.



NDD Hydro Excavation & Other Machinery

- There are 4 x 8,000 litre NDD Hydro Excavation trucks
- 11 Beavertail Units
- Cable Hauling Equipment
- Water Trucks.
- Rollers
- Service Truck
- Loaders
- Fleet of Traffic Control Vehicles

Renewables, EV, BESS & Electricals

Renewables, EV, BESS & Electricals

- BESS- Battery Energy Storage System.
- VEDN accredited.
- VESI accredited staff.
- Commercial and industrial EV charging solutions - civil and electrical.
- Renewable energy and solar panels - civil and electrical.
- Switchboard augmentation.
- DNSP upgrade works - civil and electrical.
- Street, public and sports ground lighting.
- Dedicated administration team.
- Windfarm civils & structural.
- Full-service solutions including:-
electrical/civils/traffic management/ reinstatement.



NDD, Traffic Management



NDD (Hydro Excavation)

- Utility asset location service proving.
- Trenching and drainage.
- Environmental works- tree protection.
- Utility asset protection works.
- Non-destructive digging including post holes, civils and installation.
- Contaminated spoil removal.
- Limits environmental harm.
- Sensitive area excavation.

Traffic Management

Vic Roads accredited, Tradetech Services Australia's Traffic Management team have experience in all areas of traffic and pedestrian management. Our team is skilled in every aspect, from traffic and pedestrian flow planning to setup and stay professional and current with industry regulations and standards. They are a highly valued part of the TSA family and serve as a vital component of our end-to-end solutions-based approach.



Concrete & Asphalt

Over the years we have established robust support divisions to enhance the major projects we undertake.

Reinstatement- Concrete and Asphalt

- Preventative maintenance.
- Centralised administration for "end to end" work management.
- Roadways, footpaths, crossovers and laneways.
- Footings and slab work.
- Tactiles and specialty surfaces.
- Kerb and channel.
- Crack sealing.
- Bluestone reinstatement.
- Soil and turf reinstatement.
- Community and stakeholder engagement.
- Large & small scale projects.



Our Differentiators & Competitive Advantage

Established In 2001, TSA is a Victorian based Civil Construction company.



Accreditations

- VEDN accredited.
- VESI accredited.
- Vic Roads accredited.
- Master Electricians accredited.
- Master Builders Victorian member.
- Accredited Service Provider For Contestable Services NSW
- Rail Accredited.

Management Systems Certifications

- ISO 9001- Quality Management Systems
- ISO 14001- Environmental Management Systems
- ISO 45001- Occupational Health & Safety

Members Of:

- Master Electricians Australia
- Master Builders Victoria
- Civil Contractors Federation
- Geelong Chamber of Commerce
- Victorian Chamber of Commerce & Industry

Major Relationships.

TSA work with a wide variety of construction and service provision companies. Our core relationships and repeat work are a primary strength of the business.

- Citipower / Powercor
- Ausnet
- United Energy
- Jemena
- Zinfra
- Capitol Building Groups
- Built
- Airtrunk
- Microsoft
- Service Stream
- Ventia
- JCDecaux
- Stowe Aus
- Multiplex
- Lendlease
- Nilsen
- Downer
- NEXTDC
- CPB Contractors
- RSGx
- Abergeldie
- Yarra Trams
- Fredon
- Westwoods
- Beon Energy
- Gamuda