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### 1. Capability Statement

Silverstrand is a privately-owned building and civil construction company that has been in operation since 2008. Silverstrand operates throughout Australia, New Zealand and Papua New Guinea and has completed numerous projects throughout these areas. The company has offices located in both Brisbane, Australia and Wellington, New Zealand.

Silverstrand is a client focused organisation with approximately 120-150 employees on the ground and in the offices. With a strong focus on project management, safety and the environment and the use of fully integrated third party certified management systems in Quality, Environment and Health and Safety, our internationally experienced team has proven track record as both a both head contractor and subcontractor to deliver projects on time and under budget in the most complex environments.

Silverstrand offers project management, design, engineering, procurement, construction, labour and plant hire services to the following sectors:

- Transport infrastructure including roads, highways and bridges;
- Water, sewage and wastewater infrastructure including pipework, reticulation, pump stations and treatment plants;
- Mining and resource industry infrastructure projects;
- Oil and gas infrastructure projects;
- Urban land development including subdivisions;
- > Retail & industrial projects; and
- ➤ Power sector projects including underground, overhead and substations.

### 2. Company Details

Address: Aus: 396 New Cleveland Rd, Tinglapa, Qld 4173

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Main Contact: Darren Broderick (Director)

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**Web Sites:** Aus: www.silverstrand.com.au

NZ: www.silverstrand.nz

Australian Business Number: 45 165 085 263

New Zealand Business Number: 94 290 422 162 85

Project Size Capability \$0 to \$25m in value

**ISO Accreditation:** ISO 14001:2015, ISO 9001:2015, ISO 45001:2018

### 3. Capabilities

Silverstrand has gained a reputation for providing quality, cost effective & on time projects in all areas of construction and civil works in metro, regional and remote areas. The company offers the following services to the construction & civil industry:

- Road & bridge construction and widening;
- Concrete works including formwork, reinforcement, and concrete placement and finishing;
- Stormwater drainage & culvert systems;
- Manhole and pit construction and installation;
- Site clearance and preparation;
- Access and haul road construction;
- Bulk & detailed earthworks;
- Structural Steelwork and grouting;
- Electrical, water and sewer service installation;
- Service location and relocation;
- Riprap and rock protection construction;
- Erosion and sediment control;
- Car park construction;
- Industrial development and building construction;
- Shotcrete:
- Concrete lined drain construction;
- Retaining wall construction;
- MSE and RSS walls;
- Residential subdivisions; and
- > Labour and Plant Hire.

### 4. Track Record

### **Road, Bridge and Tunnel Construction**

#### **Logan Enhancement Project**

**Location:** Logan, Qld, Aus **Client:** CPB Contractors

Scope:

Construction of 3no. multi span bridges, 2no. cut and cover tunnel structures, bridge widening works, special

performance barriers, tolling gantries,

and misc. concrete work





#### Isle of Capri Bridge Upgrade

Location: Surfers Paradise, Qld, Aus

Client: Georgiou

Scope: Construction of a new 4 lane wide x 6

span super-t bridge over the Nerang River

#### **Mackay Ring Road Project**

**Location:** Mackay, Qld, Aus **Client:** CPB Contractors

Construction of multiple plank and super-

 $\ensuremath{\mathsf{t}}$  bridges Inc. a 670m long bridge over the

**Scope:** Pioneer River, abutment protection works

and various concrete works

#### **New England Highway Bolivia Hill Bridge**

**Location:** Tenterfield, NSW, Aus **Client:** Georgiou/SRG J.V.

Construction of bridge abutments, 15m high piers, headstocks, closing segments

**Scope:** and retaining walls for a cantilever

forming traveler bridge.

#### <u>Carmichael Rail Network Water Way & Road</u> Bridge Construction

Location: Belyando, Qld, Aus

Client: Martinus Rail

**BMD Contractors** 

Construction of 4no. multi span rail

Scope: bridges over water & 1 no. plank girder

road bridge

#### Pacific Motorway M1 Varsity Lakes to Burleigh Bridge Construction

**Location:** Burleigh, Qld, Aus **Client:** Seymour Whyte

Scope:

Construction 2 new 4 lane wide x 2 span

super-t bridges, concrete retaining walls

and various other concrete works













#### <u>Transcity Legacy Way Ventilation Building and</u> Tunnel Construction

Location: Brisbane, Qld, Aus

Client: Transcity JV (BMD, Acciona, Ghella)

Construction of the western ventilation

**Scope:** building, cut and cover tunnel and air

monitoring facility



### **Rail Construction**

# <u>Cross River Rail Tunnel & Station Development & Rail Integration and Systems</u>

Location: Brisbane, Qld, Aus

Client: CBGU J.V.

**Unity Alliance** 

Construction of rail bridge pier protection

Scope: works, new crew change and graffiti wash facilities, Roma St access corridors and

Fairfield Station site establishment

#### **Gold Coast Light Rail Stage 2**

**Location:** Gold Coast, Qld, Aus **Client:** CPB Contractors

Construction of pile caps, retaining walls,

Scope: concrete barriers, installation of pre-cast

concrete panels, tunnel fit out works and

various civil works





## **Airport Construction**

#### **Brisbane New Parallel Runway Project**

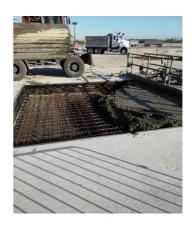
**Location:** Hendra, Qld, Aus

**Client:** Skyway J.V. (CPB Contractors/BMD)

Construction of apron and taxiway

**Scope:** pavements, installation of air service and

lighting infrastructure





### **Water and Sewerage Treatment Plant Construction**

#### **Rubyanna Wastewater Treatment Plant**

Location: Bundaberg, Qld, Aus
Client: Downer Utilities

Structural concrete works to a new

Scope: wastewater treatment plant Inc.

Construction of pump stations, MBR tank, inlet structures and potable water tanks

#### **East Nogoa Wastewater Treatment Plant**

**Location:** Emerald, Qld, Aus **Client:** Monadelphous

Construction of 6 x 2ML concrete water tanks, filter blocks, pump

stations, inlet works & associated

infrastructure

#### **APLNG Condabri Water Treatment Facility**

Location: Miles, Qld, Aus

Client: Leighton Contractors/ APLNG

All structural concrete works for a new **Scope:** CSG water treatment facility, installation

of pipework, rock protection and grouting

#### **QCLNG Northern Water Treatment Plant**

Location: Wandoan, Qld, Aus

Client: Laing O'Rourke/ QCLNG

All structural concrete works for a new

CSG water treatment facility, installation

of pipework, rock protection and grouting

#### **Woorabinda Water Reservoir**

Scope:

**Location:** Woorabinda, Qld, Aus **Client:** Dept. of Local Govt.

Construction of 750Kl concrete reservoir,

**Scope:** installation of pipework, construction of

access roads and landscaping













#### **Oxley STP Chlorination Renewal**

**Location:** Oxley, Qld, Aus **Client:** Fulton Hogan

Completion of upgrade works to the Sodium Hypochlorite Facility Inc.

Construction of slabs and installation of

pipework and conduits.

# Mt Crosby Water Treatment Plant Filter Refurbshment

Location: Mt Crosby, Qld, Aus

Client: BMD

Scope:

Upgrade works to the Mt Crosby East Bank Water Treatment Plant sand filters

Scope: Inc. raising of the filter end walls and

reinstatement of filter floors





### **Drainage, Pipeline and Culvert Construction**

#### **Pūhoi to Warkworth Project**

Location: Warkworth, NZ

Client: NX2

Scope: Construction of 130m long multi cell

DN2500 RCP Culvert

#### **Transmission Gully (Drainage & Concrete Works)**

**Location:** Wellington, NZ **Client:** CPB-HEB J.V.

Installation of 5km + stormwater drainage, multi cell culverts, stream diversions, headwalls, manholes, pits,

**Scope:** rock protection and the construction of batter chutes, cut chutes, hanging valleys,

concrete lined drains and placement of

shotcrete

#### **Duncan Rd Drainage Upgrade**

**Location:** Sheldon, Qld, Aus **Client:** Roadtek/ TMR

Scope: Installation of new stormwater drainage

pipes, pits, kerbing and road widening









#### <u>Luggage Point Sewerage Treatment Plant Ferrous</u> Chloride and Anammox Pipeline Construction

**Location:** Luggage Point, Qld, Aus

Client: Fulton Hogan/QUU

Construction of a 200m long double contained HDPE ferrous chloride pipeline,

600m long HDPE annamox pipeline,

**Scope:** vacuum excavation, service crossings, road crossings, HDPE welding, treatment

of acid sulphate soils and construction of

concrete slabs

#### **Newell Highway Drainage and Culvert Works**

Location: Boggabilla, NSW, Aus
Client: Fulton Hogan/RMS

Installation of 1300m of RCP Pipe, construction of RCP and RCBC culverts, installation of pre-cast headwalls, and

**Scope:** installation of pre-cast headwalls, and construction of in-situ culvert base slabs,

headwalls and wingwalls.

#### **Burton Coal Mine Culvert**

Location: Moranbah, Qld, Aus

**Client:** Thiess Mining

Construction of 800m long multi cell

culvert, inlet and outlet structures,

spillways and rip rap

#### **Gladstone Sea Wall Culvert**

Location: Gladstone, Qld, Aus

Client: Abigroup

Scope:

**Scope:** Construction of multi-cell sea culvert

#### **Carmichael Rail Network Culvert Construction**

**Location:** Belyando, Qld, Aus

Martinus Rail

Client: BMD Contractors

Scope: Construction of multiple 3.6m x 3.6m in-

situ box culverts, headwalls and wingwalls













#### **Warrego Highway Culvert Rehabilitation**

**Location:** Brassal, Qld, Aus **Client:** Roadtek/ TMR

Rehabilitation of existing DN2100 cast iron pipe culvert Inc. Earthworks, stream

diversions, sand blasting and placement

of new shotcrete lining

#### **APLNG Gas Gathering Discharge Pipelines**

Location: Reedy Creek, Qld, Aus

Client: CPB/ APLNG

Scope: Construction of DN750 RCP pipelines Inc.

Installation of pits and headwalls

#### **Kingsford Smith Drive Upgrade**

Location: Hamilton, Qld
Client: Lend Lease

Construction of a load transfer structure, in-situ stormwater and sewer pits,

Scope: headwalls, outlet structures, VMS

footings and various other concrete

structures







### **Utility Works**

#### **Hale St Sewer Upgrade**

Location: Milton, Qld, Aus

Client: Utilita

Scope: Emergency works to replace a damaged

sewer main across a major Brisbane Road.

#### **Bartley's Hill Reservoir**

Location: Ascot, Qld, Aus

Client: Utilita

Scope:

Completion of civil works, access road

construction and pipework tee

replacement for Bartley's hill reservoir

rising main







#### **Sugarmill Rd Pump Sewer Replacement**

Location: Pinkenba, Qld, Aus

Client: Utilita

Removal and replacement of pipework

**Scope:** and pre-cast concrete access pit for a

sewer valve pit

#### **Canungra STP**

Location: Canungra, Qld, Aus

Client: John Holland

Completion of civil works for the

**Scope:** dewatering improvements to the sludge

press at Canungra STP Inc. Installation of

pipework and pre-cast pits

#### **Kingsford Smith Drive Sewer Replacement**

Location: Hamilton, Qld, Aus

Client: Utilita

Scope:

Replacement of 225m of clay sewer with

a new DN255 pipe Inc. Excavation,

installation and connection of pipework

and backfilling

## **Industrial Developments**

#### **Roy Hill Port Non-Process Infrastructure**

Location: Port Headland, WA, Aus

Client: DECMIL

Detailed earthworks, installation of

**Scope:** services and construction of multiple

warehouse slabs and pavements

#### **Rockhampton Shed Development**

**Location:** Rockhampton, Qld, Aus

**Client:** Queensland Steel Products

Construction of multiple warehouses Inc.

**Scope:** All earthwork, drainage, concrete,

structural steel and fit out works













### **Car Park Construction**

#### **Browns Plains Car Park**

Location: Browns Plains, Qld, Aus

Client: Ernst & Young

Construction of a new 4,000m2 car park

Scope: Inc. All civil, drainage and landscaping

works

### **Wind Farm Construction**

#### **Moorabool North Wind Farm**

Location: Ballan, Vic, Aus

Client: Zenviron

Construction of structural concrete

**Scope:** foundations for 50no. wind turbines and

construction of 2 new electrical

substations

### **Dam & Flood Mitigation Works**

#### **Sideling Creek Dam Upgrade**

**Location:** Petrie, Qld, Aus **Client:** Fulton Hogan

Reinforcement and raising of the existing

**Scope:** dam spillway walls and construction of

downstream erosion protection works

#### **Barbers Creek Flood Regulators**

**Location:** Barham, NSW, Aus

**Client:** Fulton Hogan

Scope: Construction of concrete flood regulator

structure.

## **Substation Construction**

#### **Moorabool Wind Fam Substation Construction**

Location: Moorabool, Vic, Aus

Client: Zenviron

Civil and concrete works for the

construction of 2 new substation Inc.

**Scope:** construction of foundations, cable

trenches, transformed bunds, duct banks

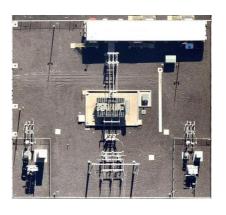
and grouting works













#### <u>Luggage Point Sewerage Treatment Plant 11kV</u> Substation Works

Luggage Point, Qld, Aus

Client: Fulton Hogan/QUU

Scope: an 11kV substation Inc. Excavation,

installation of earth grid, rods and pits,

Construction of a new concrete slab for

and landscaping works



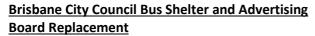
### **Transport Infrastructure**

#### **Brisbane City Council Bus Stop Upgrades**

Location: Brisbane, Qld, Aus
Client: Roadtek/ BCC

Scope: Construction of new and upgrading of

existing Bus Stops



**Location:** Brisbane, Qld, Aus **Client:** oOh! Media/ BCC

Scope: Removal and upgrading of bus shelters

and digital signage boards.

# South Brisbane Veloway Upgrade

Location: Woolloongabba, Qld, AUs

Client: Roadtek

Upgrade to existing veloway bridges and

pathways Inc. Demolition and

**Scope:** construction of new bridge corbels,

installation of new barriers and construction of new relieving slabs







Silverstrand has worked successfully with all the major Tier 1 and Tier 2 contractors along with the Department of Local Government & Planning and local and regional councils. This repeat business is testament to the quality of our work, the safety of our people and our ability to bring projects in on time and within budget.

#### 5. Resources

Silverstrand has a very well educated, qualified and driven team of professionals who are always striving to

improve the company and move it forward. Silverstrand have the ability to provide in-house solutions to technical civil engineering problems. This ability is a combination of experienced senior staff coupled with the introduction of both graduates and experienced personnel to create an environment where ideas can be exchanged to arrive at the most efficient solution.

As an organisation, the skills and abilities of the workforce is key in bringing to fruition these ideas and delivering a project to the client's satisfaction.

Silverstrand also owns and operates a number of items of plant that are used to support our operations along with dry and wet hire including:

- 20m Z-Fold Concrete Pump
- 25tn Franna's
- 8.000L Vacuum Excavation Truck
- Flatbed Trucks
- Excavators
- Power Washers
- Generators





- Concrete Line Pump
- 360 Degree Rotational Telehandler
- Crane Trucks
- Tipper Trucks
- Boom and Scissor Type EWP's
- Compressors
- Large Fleet of Portable Tools and Equipment





### 6. Health & Safety

Silverstrand is committed to zero harm by providing a healthy and safe working environment for all contractors and members of the public and has an established Health and Safety policy and management system that is certified to AS/NZS 4801:2001 standard.

Having undertaken projects in regional and remote areas in both difficult terrains and harsh climatic conditions, Silverstrand has established an impeccable safety record with a number of innovative safety procedures and methods implemented to ensure a safe working environment for all contractors.

Since June 2013 Silverstrand have managed a total of 1,000,000-man hours with zero Lost Time Injury (LTI) free hours recorded. Due to constant monitoring of the workplace environment and situations, along with

complying with our Health & Safety Management System we have been able to ensure that all employees and contractors working with SSD put the necessary procedures in place to enable a risk free workplace.

### 7. Employee and Industrial Relations

Silverstrand has established an Employee Relations Management Plan (ERMP) and Policy that sets a number of objectives and approaches that have been implemented to assist with and ensure the successful management and outcomes of all employee and industrial relations. These outcomes include but are not limited to:

- > a stable industrial relations environment for the company and the projects undertaken;
- the ability for the company and the project to attract labour;
- > ensuring that effective communication processes are in place between supervisor and labour;
- > provide a work environment that is conducive to maximum work effort; and
- > positive employee engagement to maximize productivity and mitigate third party disruption.

To further assist with the effective implementation of this management plan Silverstrand has a separate payroll department to deal with employee enquiries on an individual basis and has engaged a number of external consultants to offer assistance with intricate IR issues, this has resulted in Silverstrand having Zero % rostered work hours lost due to industrial action and Zero legal action taken against Silverstrand from any Union or any other party.

### 8. Indigenous Awareness & Participation

Silverstrand is committed to the development of Australian and New Zealand Indigenous communities by providing employment opportunities for people through our operations, subcontractors and suppliers. It is our goal to increase the number of indigenous people employed by Silverstrand and to increase opportunities for indigenous communities through the following:

- community engagement and consultation;
- education;
- training;
- community planning;
- employment strategies;
- community skills and training development linked to employment;
- providing business to local suppliers; and
- sourcing of workers from local communities.